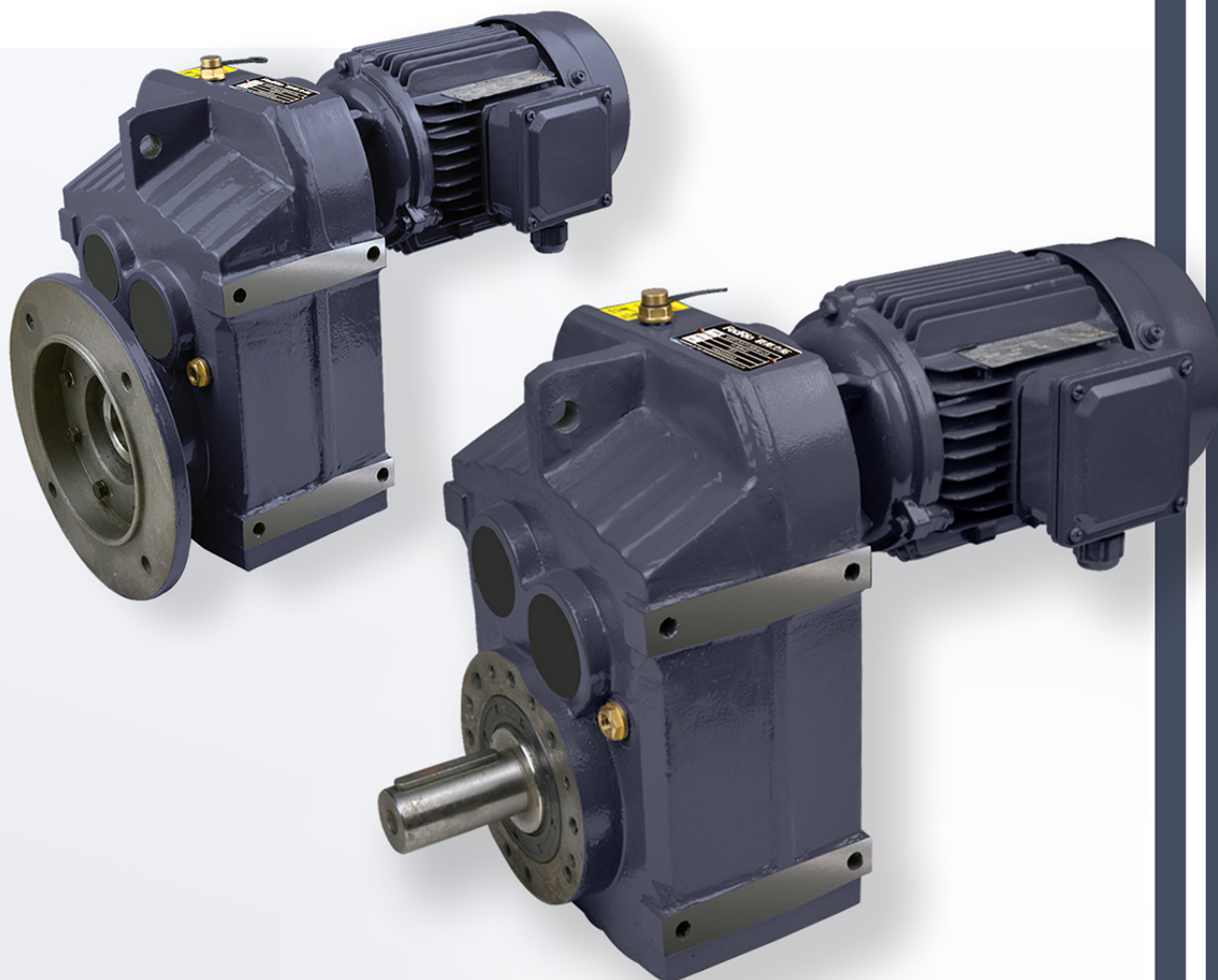




## HELICAL GEAR REDUCER F系列斜齿轮减速机

减速机传动率高，振动小、噪音低、性能优、密封性能好。齿轮采用高耐磨优质合金材料经热处理及精密磨齿加工，带筋高性能铸铁箱体、机器系列化、模块化、机电一体化。

上海嘉田传动机械有限公司

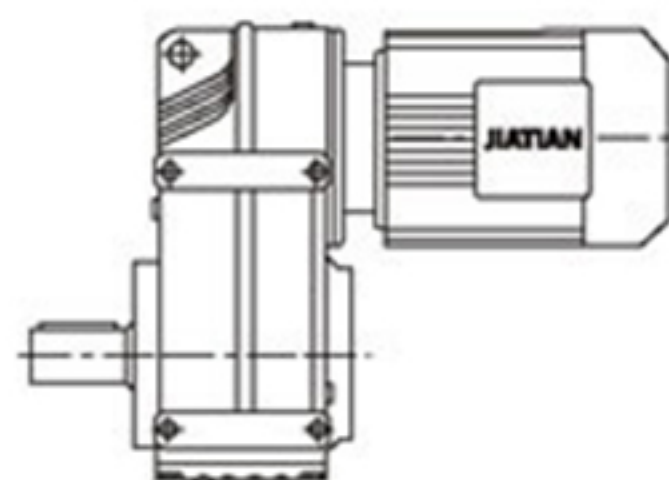
电话:021-64525832 021-64525833  
手机:13817843940

地址:上海市松江区新桥工业园  
官网:<http://www.jtjsj.com/>

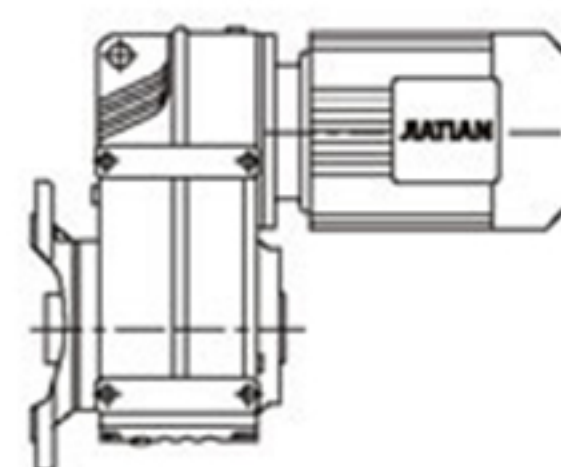


## F系列平行轴斜齿轮减速机

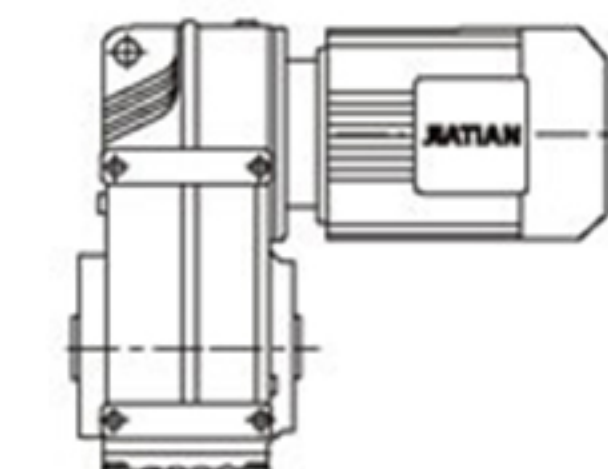
F系列减速机有以下设计方案:



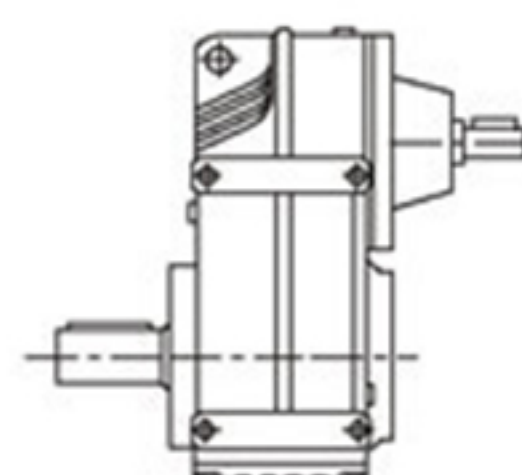
F..Y..  
底脚轴伸式安装平行轴斜齿轮减速机



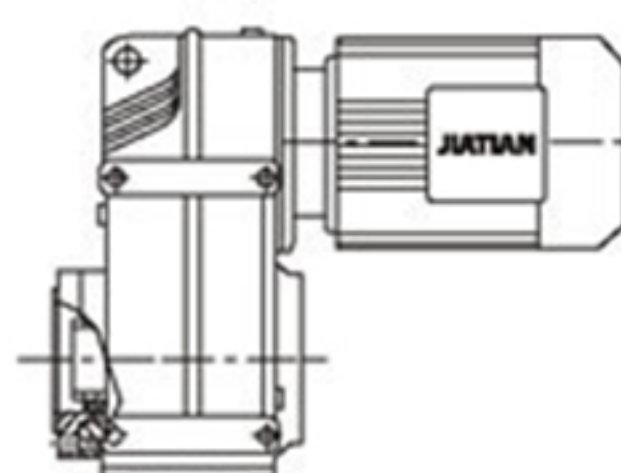
FAF..Y..  
法兰空心轴安装平行轴斜齿轮减速机



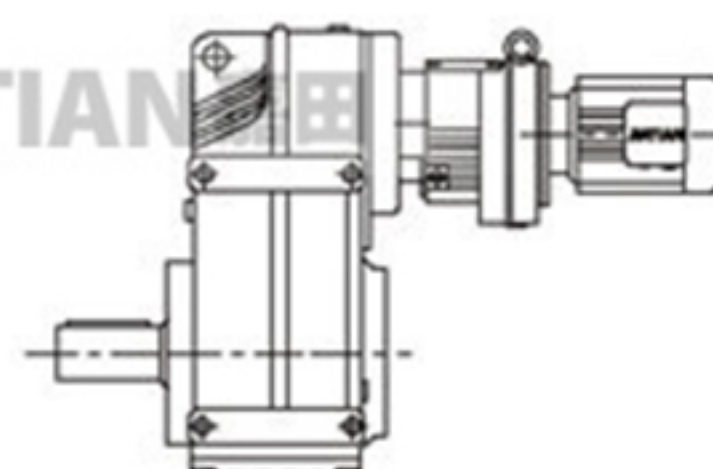
FA..Y..  
空心轴安装平行轴斜齿轮减速机



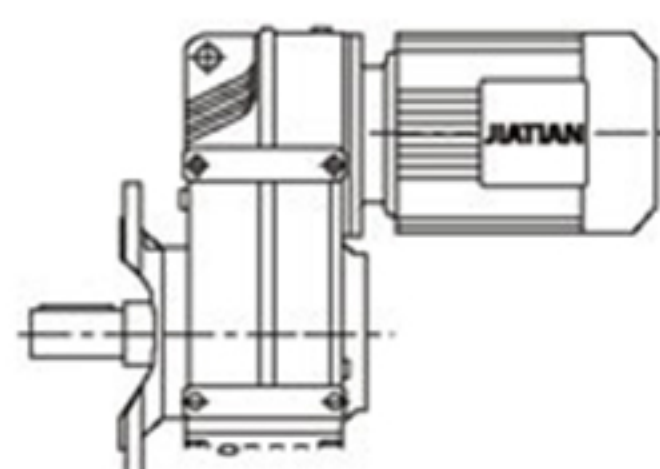
F (FF, FA, FAF, FAZ) S...  
轴输入的平行轴斜齿轮减速机



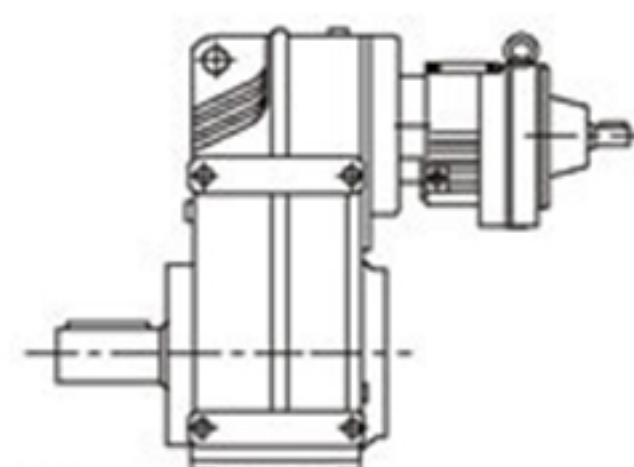
FAZ..Y..  
小法兰空心轴安装平行轴斜齿轮减速机



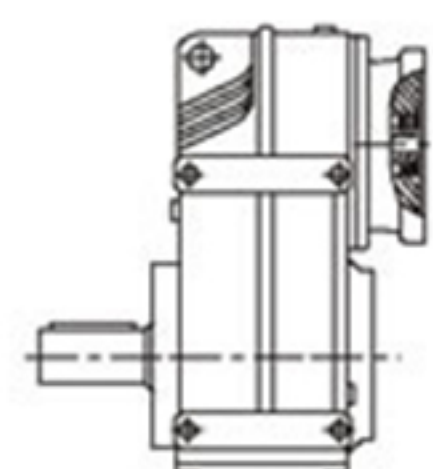
F (FF, FA, FAF, FAZ) ...R...Y...  
组合式平行轴斜齿轮减速机



FF..Y..  
法兰轴伸式安装平行轴斜齿轮减速机



F (FF, FA, FAF, FAZ) S...R...  
轴输入的组合式平行轴斜齿轮减速机



F (FF, FA, FAF, FAZ) ...Y...  
电机用户自配或配特殊电机时需加联接法兰





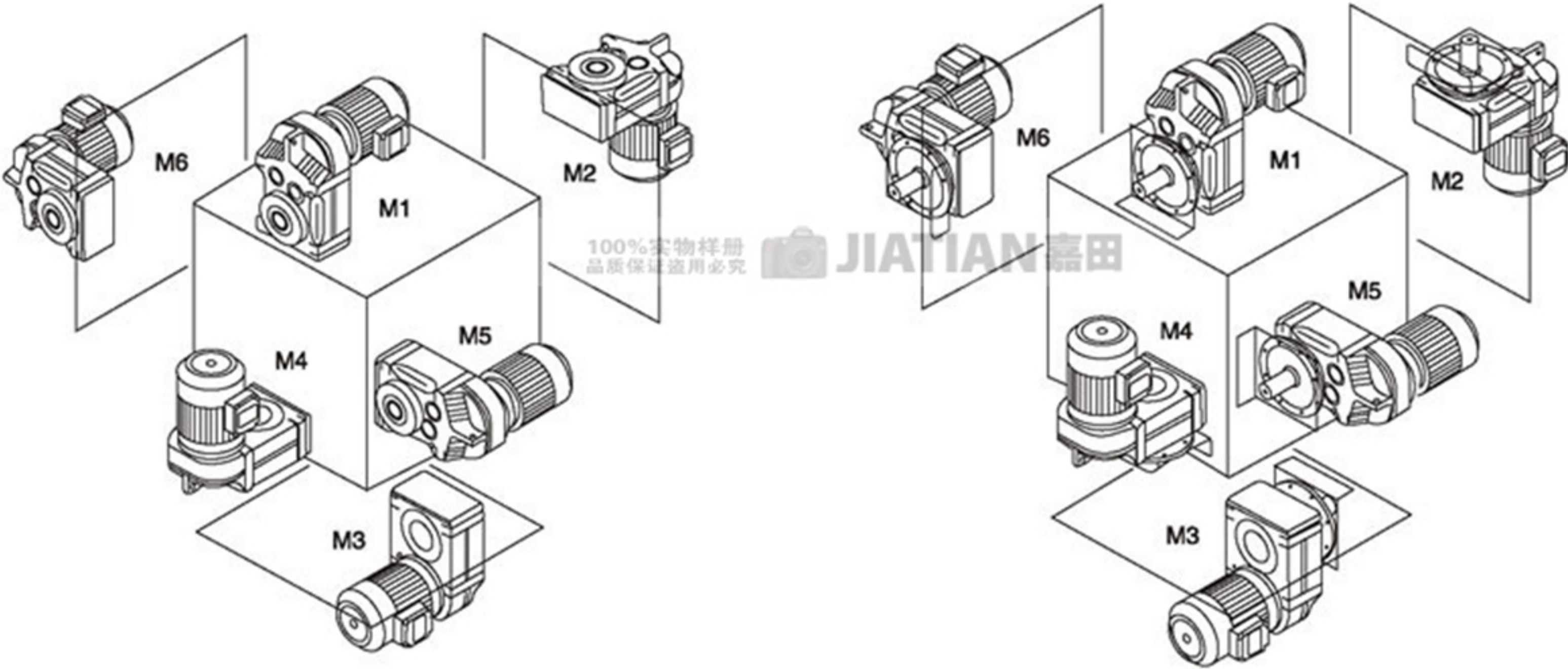
### 型号与标记

|                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>             F F 37-Y 0.55-4P-23.88-M1-270°         </p> <p>             100%实物样册 品质保证盗用必究         </p> <p>             电机接线盒位置<br/>             安装形式<br/>             传动比<br/>             电机功率、极数<br/>             电机代号<br/>             规格<br/>             结构形式<br/>             减速机类型         </p> |                                                                                                                                                                   |
| 减速机类型:                                                                                                                                                                                                                                                                                                     | 平行轴斜齿轮减速机                                                                                                                                                         |
| 结构形式:                                                                                                                                                                                                                                                                                                      | <p>普通轴伸式(省略)</p> <p>轴装式 A</p> <p>轴伸法兰式 F</p> <p>轴装法兰式 AF</p> <p>轴装小法兰式 AZ</p> <p>普通轴伸式, 轴输入 S</p> <p>普通轴装式, 轴输入 AS</p> <p>轴伸法兰式, 轴输入 FS</p> <p>轴装法兰式, 轴输入 AFS</p> |
| 规格:                                                                                                                                                                                                                                                                                                        | (见选型参数表)                                                                                                                                                          |
| 电机代号:                                                                                                                                                                                                                                                                                                      | <p>普通(更新) Y(Y2)</p> <p>防爆 B</p> <p>直流 Z</p> <p>制动 YEJ</p> <p>多速 D</p> <p>变频 YVP</p> <p>电磁调速 YCT</p> <p>冶金起重 R</p> <p>变频制动 YVPJ</p> <p>辊道 G</p>                    |
| 电机功率、极数:                                                                                                                                                                                                                                                                                                   | (见选型参数表)                                                                                                                                                          |
| 传动比:                                                                                                                                                                                                                                                                                                       | (见选型参数表)                                                                                                                                                          |
| 安装形式:                                                                                                                                                                                                                                                                                                      | M1、M2、M3、M4、M5、M6                                                                                                                                                 |
| 电机接线盒位置:                                                                                                                                                                                                                                                                                                   | 0°、90°、180°、270°                                                                                                                                                  |

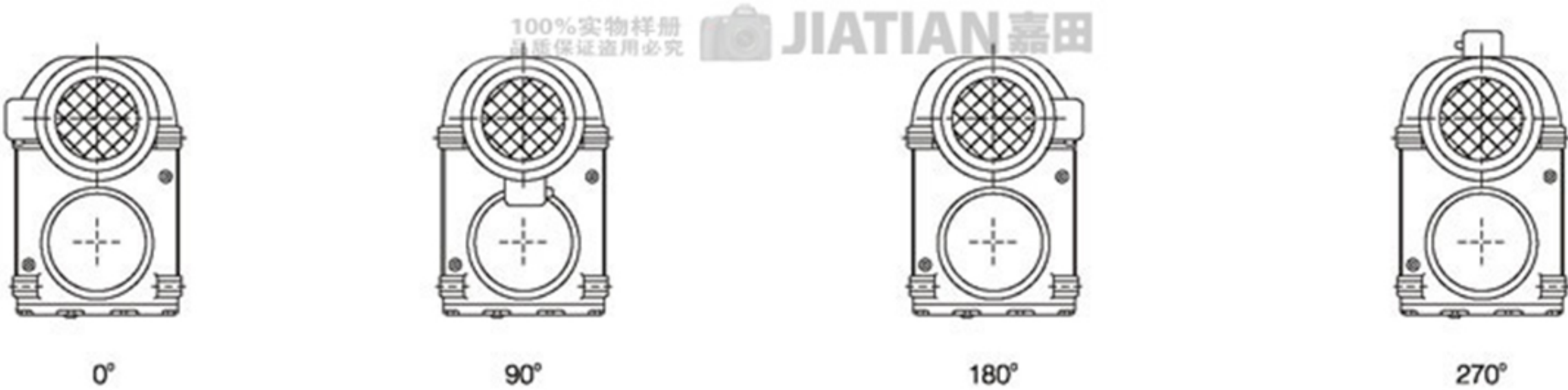


F系列平行轴斜齿轮减速机

安装形式



电机接线盒位置



输入功率(KW)及许用转矩(N.m)

| 规格   | 37              | 47          | 57         | 67          | 77          | 87          | 97          | 107        | 127         | 157          |
|------|-----------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|--------------|
| 结构形式 | F FA FF FAF FAZ |             |            |             |             |             |             |            |             |              |
| 输入功率 | 0.12-3          | 0.12-3      | 0.12-5.5   | 0.12-5.5    | 0.18-11     | 0.37-22     | 0.55-30     | 0.75-45    | 4-90        | 7.5-200      |
| 传动比  | 3.77-128.51     | 4.99-190.76 | 5.18-199.7 | 3.97-228.99 | 4.28-281.71 | 4.12-270.68 | 4.57-276.77 | 6.22-254.4 | 4.68-170.83 | 11.92-267.43 |
| 许用转矩 | 200             | 400         | 600        | 820         | 1500        | 3000        | 4300        | 7840       | 12000       | 18000        |

减速机重量

| 规格     | 37 | 47 | 57 | 67 | 77 | 87  | 97  | 107 | 127 | 157 |
|--------|----|----|----|----|----|-----|-----|-----|-----|-----|
| 重量(kg) | 13 | 18 | 34 | 55 | 90 | 150 | 260 | 402 | 700 | 950 |

所注重量为平均值，仅供参考。



### 润滑油量表 (润滑油牌号选择请查看331页)

F...:

| 规格   | 润滑油量 (升) |      |      |      |      |     |
|------|----------|------|------|------|------|-----|
|      | M1       | M2   | M3   | M4   | M5   | M6  |
| F37  | 1        | 1.2  | 0.7  | 1.2  | 1    | 1.1 |
| F47  | 1.5      | 1.8  | 1.1  | 1.9  | 1.5  | 1.7 |
| F57  | 2.6      | 3.7  | 2.1  | 3.5  | 2.8  | 2.9 |
| F67  | 2.7      | 3.8  | 1.9  | 3.8  | 2.9  | 3.2 |
| F77  | 5        | 7.3  | 4.3  | 8    | 6    | 6.3 |
| F87  | 10       | 13.0 | 7.7  | 13.8 | 10.8 | 11  |
| F97  | 18.5     | 22.5 | 12.6 | 25.2 | 18.5 | 20  |
| F107 | 24.5     | 32   | 19.5 | 37.5 | 27   | 27  |
| F127 | 40.5     | 55   | 34   | 61   | 46.5 | 47  |
| F157 | 69       | 104  | 63   | 105  | 86   | 78  |

FF...:

| 规格    | 润滑油量 (升) |      |      |      |      |      |
|-------|----------|------|------|------|------|------|
|       | M1       | M2   | M3   | M4   | M5   | M6   |
| FF37  | 1        | 1.2  | 0.7  | 1.3  | 1    | 1.1  |
| FF47  | 1.6      | 1.9  | 1.1  | 1.9  | 1.5  | 1.7  |
| FF57  | 2.8      | 3.8  | 2.1  | 3.7  | 2.9  | 3    |
| FF67  | 2.7      | 3.8  | 1.9  | 3.8  | 2.9  | 3.2  |
| FF77  | 5.1      | 7.3  | 4.3  | 8.1  | 6    | 6.3  |
| FF87  | 10.3     | 13.2 | 8.7  | 14.1 | 11   | 11.2 |
| FF97  | 19       | 22.5 | 12.6 | 25.5 | 18.9 | 20.5 |
| FF107 | 25.5     | 32   | 19.5 | 38.5 | 27.5 | 28   |
| FF127 | 41.5     | 56   | 34   | 63   | 46.5 | 49   |
| FF157 | 72       | 105  | 64   | 106  | 87   | 79   |

FA...、FAF...、FAZ...:

| 规格      | 润滑油量 (升) |      |      |      |      |      |
|---------|----------|------|------|------|------|------|
|         | M1       | M2   | M3   | M4   | M5   | M6   |
| F...37  | 1        | 1.2  | 0.7  | 1.2  | 1    | 1.1  |
| F...47  | 1.5      | 1.8  | 1.1  | 1.9  | 1.5  | 1.7  |
| F...57  | 2.7      | 3.8  | 2.1  | 3.6  | 2.9  | 3    |
| F...67  | 2.7      | 3.8  | 1.9  | 3.8  | 2.9  | 3.2  |
| F...77  | 5        | 7.3  | 4.3  | 8    | 6    | 6.3  |
| F...87  | 10       | 13.0 | 7.7  | 13.8 | 10.8 | 11   |
| F...97  | 18.5     | 22.5 | 12.6 | 25.0 | 18.5 | 20   |
| F...107 | 24.5     | 32   | 19.5 | 37.5 | 27   | 27   |
| F...127 | 39       | 55   | 34   | 61   | 45   | 46.5 |
| F...157 | 68       | 103  | 62   | 104  | 85   | 77   |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.12         | 0.06            | 15000        | 22323      | 84600      | 0.80         |                                                                                     |           |            |
|              | 0.07            | 12600        | 19048      | 89300      | 0.95         |                                                                                     |           |            |
|              | 0.08            | 10800        | 16656      | 90000      | 1.10         | FA                                                                                  | 127       | R77 4      |
|              | 0.09            | 9870         | 14722      | 90000      | 1.20         | FAF                                                                                 | 127       | R77 4      |
|              | 0.11            | 7980         | 12912      | 90000      | 1.50         | F                                                                                   | 127       | R77 4      |
|              | 0.12            | 7090         | 11656      | 90000      | 1.70         | FF                                                                                  | 127       | R77 4      |
|              | 0.14            | 6300         | 10191      | 90000      | 1.90         |                                                                                     |           | 425        |
|              |                 |              |            |            |              |                                                                                     |           | 465        |
|              |                 |              |            |            |              |                                                                                     |           | 460        |
|              |                 |              |            |            |              |                                                                                     |           | 510        |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 0.09            | 9590         | 14767      | 44400      | 0.80         |                                                                                     |           |            |
|              | 0.12            | 7610         | 11348      | 50000      | 1.00         |                                                                                     |           |            |
|              | 0.14            | 5890         | 10039      | 54300      | 1.30         |                                                                                     |           |            |
|              | 0.16            | 4880         | 8548       | 56600      | 1.55         | FA                                                                                  | 107       | R77 4      |
|              | 0.18            | 4740         | 7674       | 56900      | 1.60         | FAF                                                                                 | 107       | R77 4      |
|              | 0.20            | 4120         | 6767       | 58200      | 1.85         | F                                                                                   | 107       | R77 4      |
|              | 0.23            | 3530         | 5954       | 59400      | 2.2          | FF                                                                                  | 107       | R77 4      |
|              | 0.26            | 3070         | 5223       | 60300      | 2.5          |                                                                                     |           | 275        |
|              | 0.30            | 2890         | 4567       | 60600      | 2.7          |                                                                                     |           | 295        |
|              | 0.39            | 2140         | 3521       | 61900      | 3.6          |                                                                                     |           | 290        |
|              |                 |              |            |            |              |                                                                                     |           | 320        |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 0.19            | 4800         | 7328       | 23100      | 0.90         |                                                                                     |           |            |
|              | 0.21            | 4040         | 6469       | 30700      | 1.05         | FA                                                                                  | 97        | R57 4      |
|              | 0.25            | 3680         | 5615       | 31600      | 1.15         | FAF                                                                                 | 97        | R57 4      |
|              | 0.28            | 3200         | 4961       | 32800      | 1.35         | F                                                                                   | 97        | R57 4      |
|              | 0.32            | 2800         | 4333       | 33800      | 1.55         | FF                                                                                  | 97        | R57 4      |
|              |                 |              |            |            |              |                                                                                     |           | 185        |
|              |                 |              |            |            |              |                                                                                     |           | 205        |
|              |                 |              |            |            |              |                                                                                     |           | 190        |
|              |                 |              |            |            |              |                                                                                     |           | 225        |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 0.35            | 2550         | 3906       | 34300      | 1.70         |                                                                                     |           |            |
|              | 0.41            | 2210         | 3352       | 35000      | 1.95         | FA                                                                                  | 97        | R57 4      |
|              | 0.47            | 1820         | 2907       | 35700      | 2.4          | FAF                                                                                 | 97        | R57 4      |
|              | 0.54            | 1670         | 2553       | 36000      | 2.6          | F                                                                                   | 97        | R57 4      |
|              |                 |              |            |            |              | FF                                                                                  | 97        | R57 4      |
|              |                 |              |            |            |              |                                                                                     |           | 185        |
|              |                 |              |            |            |              |                                                                                     |           | 205        |
|              |                 |              |            |            |              |                                                                                     |           | 190        |
|              |                 |              |            |            |              |                                                                                     |           | 225        |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 0.28            | 3250         | 4954       | 3640       | 0.90         |                                                                                     |           |            |
|              | 0.33            | 2690         | 4245       | 24100      | 1.10         | FA                                                                                  | 87        | R57 4      |
|              | 0.37            | 2200         | 3721       | 25800      | 1.35         | FAF                                                                                 | 87        | R57 4      |
|              |                 |              |            |            |              | F                                                                                   | 87        | R57 4      |
|              |                 |              |            |            |              | FF                                                                                  | 87        | R57 4      |
|              |                 |              |            |            |              |                                                                                     |           | 120        |
|              |                 |              |            |            |              |                                                                                     |           | 130        |
|              |                 |              |            |            |              |                                                                                     |           | 125        |
|              |                 |              |            |            |              |                                                                                     |           | 140        |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 0.43            | 2140         | 3244       | 26000      | 1.40         |                                                                                     |           |            |
|              | 0.48            | 1900         | 2881       | 26700      | 1.60         |                                                                                     |           |            |
|              | 0.54            | 1700         | 2576       | 27300      | 1.75         |                                                                                     |           |            |
|              | 0.63            | 1440         | 2199       | 28000      | 2.1          | FA                                                                                  | 87        | R57 4      |
|              | 0.72            | 1240         | 1930       | 28400      | 2.4          | FAF                                                                                 | 87        | R57 4      |
|              | 0.81            | 1120         | 1709       | 28700      | 2.7          | F                                                                                   | 87        | R57 4      |
|              | 0.92            | 980          | 1493       | 29000      | 3.0          | FF                                                                                  | 87        | R57 4      |
|              | 1.1             | 785          | 1300       | 29400      | 3.8          |                                                                                     |           | 115        |
|              | 1.2             | 710          | 1148       | 29500      | 4.2          |                                                                                     |           | 130        |
|              |                 |              |            |            |              |                                                                                     |           | 125        |
|              |                 |              |            |            |              |                                                                                     |           | 140        |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 0.53            | 1750         | 2613       | 13800      | 0.85         |                                                                                     |           |            |
|              | 0.60            | 1520         | 2284       | 15600      | 1.00         | FA                                                                                  | 77        | R37 4      |
|              | 0.68            | 1340         | 2029       | 16700      | 1.10         | FAF                                                                                 | 77        | R37 4      |
|              |                 |              |            |            |              | F                                                                                   | 77        | R37 4      |
|              |                 |              |            |            |              | FF                                                                                  | 77        | R37 4      |
|              |                 |              |            |            |              |                                                                                     |           | 65         |
|              |                 |              |            |            |              |                                                                                     |           | 72         |
|              |                 |              |            |            |              |                                                                                     |           | 69         |
|              |                 |              |            |            |              |                                                                                     |           | 80         |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 0.80            | 1130         | 1728       | 17800      | 1.35         |                                                                                     |           |            |
|              | 0.89            | 1040         | 1544       | 18200      | 1.45         |                                                                                     |           |            |
|              | 1.0             | 910          | 1354       | 18600      | 1.65         | FA                                                                                  | 77        | R37 4      |
|              | 1.1             | 810          | 1200       | 19000      | 1.85         | FAF                                                                                 | 77        | R37 4      |
|              | 1.3             | 710          | 1053       | 19200      | 2.1          | F                                                                                   | 77        | R37 4      |
|              | 1.5             | 605          | 910        | 19500      | 2.5          | FF                                                                                  | 77        | R37 4      |
|              | 1.7             | 510          | 810        | 19700      | 2.9          |                                                                                     |           | 65         |
|              | 1.9             | 445          | 710        | 19800      | 3.4          |                                                                                     |           | 72         |
|              |                 |              |            |            |              |                                                                                     |           | 69         |
|              |                 |              |            |            |              |                                                                                     |           | 80         |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 0.97            | 920          | 1429       | 9270       | 0.90         |                                                                                     |           |            |
|              | 1.1             | 830          | 1271       | 10200      | 1.00         |                                                                                     |           |            |
|              | 1.2             | 700          | 1102       | 11300      | 1.15         |                                                                                     |           |            |
|              | 1.4             | 615          | 970        | 11800      | 1.35         | FA                                                                                  | 67        | R37 4      |
|              | 1.6             | 540          | 858        | 12200      | 1.50         | FAF                                                                                 | 67        | R37 4      |
|              | 1.8             | 475          | 755        | 12500      | 1.75         | F                                                                                   | 67        | R37 4      |
|              | 2.2             | 405          | 641        | 12800      | 2.0          | FF                                                                                  | 67        | R37 4      |
|              | 2.4             | 375          | 572        | 12900      | 2.2          |                                                                                     |           | 43         |
|              | 2.7             | 320          | 509        | 13000      | 2.6          |                                                                                     |           | 49         |
|              | 3.2             | 275          | 437        | 13000      | 3.0          |                                                                                     |           | 46         |
|              |                 |              |            |            |              |                                                                                     |           | 52         |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |



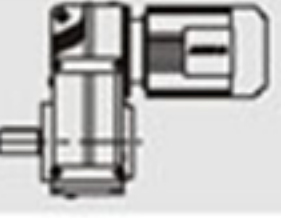
| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.12         | 1.4             | 655          | 967        | 5860       | 0.90         |                                                                                     |           |            |
|              | 1.6             | 585          | 851        | 9320       | 1.05         |                                                                                     |           |            |
|              | 1.9             | 500          | 738        | 9920       | 1.20         | FA 57                                                                               | R37 4     | 39         |
|              | 2.1             | 435          | 646        | 10400      | 1.40         | FAF 57                                                                              | R37 4     | 45         |
|              | 2.5             | 370          | 558        | 10700      | 1.60         | F 57                                                                                | R37 4     | 39         |
|              | 2.7             | 330          | 506        | 11000      | 1.80         | FF 57                                                                               | R37 4     | 46         |
|              | 3.0             | 285          | 452        | 11200      | 2.1          |                                                                                     |           |            |
|              | 3.2             | 295          | 426        | 11200      | 2.0          | FA 57                                                                               | R37 4     | 38         |
|              | 3.6             | 260          | 382        | 11300      | 2.3          | FAF 57                                                                              | R37 4     | 44         |
|              | 4.2             | 225          | 330        | 11500      | 2.7          | F 57                                                                                | R37 4     | 39         |
|              | 4.6             | 200          | 298        | 11500      | 3.0          | FF 57                                                                               | R37 4     | 45         |
|              | 5.3             | 177          | 262        | 11500      | 3.4          |                                                                                     |           |            |
|              | 2.2             | 425          | 622        | 3390       | 0.95         | FA 47                                                                               | R17 4     | 24         |
|              | 2.5             | 370          | 543        | 6320       | 1.10         | FAF 47                                                                              | R17 4     | 27         |
|              | 2.9             | 320          | 475        | 6890       | 1.25         | F 47                                                                                | R17 4     | 25         |
|              | 3.3             | 280          | 419        | 7250       | 1.45         | FF 47                                                                               | R17 4     | 28         |
|              | 2.6             | 365          | 524        | 6390       | 1.10         | FA 47                                                                               | R17 4     | 23         |
|              | 2.8             | 340          | 489        | 6690       | 1.20         | FAF 47                                                                              | R17 4     | 26         |
|              | 3.2             | 290          | 427        | 7130       | 1.35         | F 47                                                                                | R17 4     | 24         |
|              | 3.6             | 260          | 381        | 7400       | 1.55         | FF 47                                                                               | R17 4     | 27         |
|              | 4.1             | 225          | 334        | 7610       | 1.75         |                                                                                     |           |            |
|              | 4.7             | 198          | 295        | 7780       | 2.0          |                                                                                     |           |            |
|              | 5.4             | 166          | 253        | 7940       | 2.4          |                                                                                     |           |            |
|              | 4.3             | 210          | 322        | 4130       | 0.95         | FA 37                                                                               | R17 4     | 19         |
|              | 5.0             | 184          | 278        | 4510       | 1.10         | FAF 37                                                                              | R17 4     | 20         |
|              | 5.7             | 157          | 242        | 4810       | 1.30         | F 37                                                                                | R17 4     | 19         |
|              | 6.2             | 149          | 221        | 4890       | 1.35         | FF 37                                                                               | R17 4     | 21         |
|              | 4.2             | 225          | 326        | 3890       | 0.90         | FA 37                                                                               | R17 4     | 19         |
|              | 4.8             | 195          | 285        | 4370       | 1.05         | FAF 37                                                                              | R17 4     | 20         |
|              | 5.5             | 170          | 250        | 4670       | 1.20         | F 37                                                                                | R17 4     | 19         |
|              | 6.3             | 150          | 219        | 4880       | 1.35         | FF 37                                                                               | R17 4     | 21         |
|              | 7.4             | 127          | 186        | 5080       | 1.60         |                                                                                     |           |            |
|              | 8.3             | 114          | 167        | 5170       | 1.75         |                                                                                     |           |            |
|              | 3.9             | 290          | 228.99     | 13000      | 2.8          | FA 67                                                                               | 6         | 32         |
|              | 4.6             | 250          | 195.39     | 13000      | 3.3          | FAF 67                                                                              | 6         | 38         |
|              | 5.3             | 220          | 170.85     | 13000      | 3.8          | F 67                                                                                | 6         | 35         |
|              | 5.6             | 205          | 162.31     | 13000      | 4.0          | FF 67                                                                               | 6         | 41         |
|              | 6.3             | 181          | 142.40     | 13000      | 4.5          |                                                                                     |           |            |
|              | 4.5             | 255          | 199.70     | 11400      | 2.4          | FA 57                                                                               | 6         | 28         |
|              | 4.9             | 235          | 183.60     | 11500      | 2.6          | FAF 57                                                                              | 6         | 34         |
|              | 5.7             | 200          | 157.09     | 11500      | 3.0          | F 57                                                                                | 6         | 28         |
|              | 6.6             | 173          | 136.16     | 11500      | 3.5          | FF 57                                                                               | 6         | 35         |
|              | 7.1             | 162          | 127.27     | 11500      | 3.7          |                                                                                     |           |            |
|              | 6.9             | 166          | 199.70     | 11500      | 3.6          | FA 57                                                                               | 4         | 28         |
|              | 7.5             | 153          | 183.60     | 11500      | 3.9          | FAF 57                                                                              | 4         | 34         |
|              | 8.8             | 130          | 157.09     | 11500      | 4.6          | F 57                                                                                | 4         | 28         |
|              | 10              | 113          | 136.16     | 11500      | 5.3          | FF 57                                                                               | 4         | 35         |
|              | 4.7             | 245          | 190.76     | 7510       | 1.65         | FA 47                                                                               | 6         | 21         |
|              | 5.1             | 225          | 175.38     | 7640       | 1.80         | FAF 47                                                                              | 6         | 24         |
|              | 6.0             | 191          | 150.06     | 7820       | 2.1          | F 47                                                                                | 6         | 22         |
|              | 6.9             | 166          | 130.07     | 7940       | 2.4          | FF 47                                                                               | 6         | 25         |
|              | 7.4             | 155          | 121.57     | 7990       | 2.6          |                                                                                     |           |            |
|              | 8.6             | 134          | 105.09     | 8070       | 3.0          |                                                                                     |           |            |
|              | 10              | 114          | 89.29      | 8130       | 3.5          |                                                                                     |           |            |
|              | 11              | 102          | 79.72      | 8160       | 3.9          |                                                                                     |           |            |
|              | 7.2             | 158          | 190.76     | 7970       | 2.5          | FA 47                                                                               | 4         | 21         |
|              | 7.9             | 146          | 175.38     | 8020       | 2.8          | FAF 47                                                                              | 4         | 24         |
|              | 9.2             | 125          | 150.06     | 8100       | 3.2          | F 47                                                                                | 4         | 22         |
|              | 11              | 108          | 130.07     | 8150       | 3.7          | FF 47                                                                               | 4         | 25         |
|              | 7.0             | 164          | 128.51     | 4740       | 1.20         | FA 37                                                                               | 6         | 16         |
|              | 7.6             | 150          | 117.88     | 4880       | 1.35         | FAF 37                                                                              | 6         | 18         |
|              | 9.0             | 128          | 100.36     | 5070       | 1.55         | F 37                                                                                | 6         | 17         |
|              | 10              | 110          | 86.53      | 5190       | 1.80         | FF 37                                                                               | 6         | 18         |
|              | 11              | 103          | 80.65      | 5240       | 1.95         |                                                                                     |           |            |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.12         | 11              | 107          | 128.51     | 5220       | 1.85         |                                                                                     |           |            |
|              | 12              | 98           | 117.88     | 5270       | 2.0          |                                                                                     |           |            |
|              | 14              | 83           | 100.36     | 5340       | 2.4          |                                                                                     |           |            |
|              | 16              | 72           | 86.53      | 5400       | 2.8          |                                                                                     |           |            |
|              | 17              | 67           | 80.65      | 5410       | 3.0          |                                                                                     |           |            |
|              | 20              | 59           | 70.50      | 5440       | 3.4          |                                                                                     |           |            |
|              | 21              | 55           | 66.09      | 5460       | 3.6          |                                                                                     |           |            |
|              | 24              | 48           | 58.32      | 5470       | 4.1          |                                                                                     |           |            |
|              | 25              | 45           | 54.54      | 5480       | 4.4          |                                                                                     |           |            |
|              | 27              | 43           | 51.70      | 5490       | 4.7          |                                                                                     |           |            |
|              | 29              | 39           | 47.02      | 5500       | 5.1          |                                                                                     |           |            |
|              | 31              | 36           | 43.83      | 5500       | 5.5          |                                                                                     |           |            |
|              | 36              | 32           | 38.31      | 5510       | 6.3          |                                                                                     |           |            |
|              | 38              | 30           | 35.91      | 5520       | 6.7          |                                                                                     |           |            |
|              | 44              | 26           | 31.69      | 5520       | 7.6          |                                                                                     |           |            |
|              | 49              | 23           | 28.09      | 5520       | 8.6          |                                                                                     |           |            |
|              | 58              | 20           | 23.88      | 5270       | 10           |                                                                                     |           |            |
|              | 58              | 20           | 23.63      | 5250       | 10           |                                                                                     |           |            |
|              | 67              | 17           | 20.57      | 5030       | 12           |                                                                                     |           |            |
|              | 72              | 16           | 19.27      | 4930       | 13           |                                                                                     |           |            |
|              | 81              | 14           | 17.03      | 4740       | 14           |                                                                                     |           |            |
|              | 87              | 13           | 15.81      | 4630       | 15           |                                                                                     |           |            |
|              | 96              | 12           | 14.33      | 4490       | 17           |                                                                                     |           |            |
|              | 107             | 11           | 12.87      | 4330       | 19           |                                                                                     |           |            |
|              | 125             | 9.2          | 11.08      | 4130       | 21           |                                                                                     |           |            |
|              | 132             | 8.7          | 10.42      | 4050       | 21           |                                                                                     |           |            |
|              | 154             | 7.4          | 8.97       | 3860       | 24           |                                                                                     |           |            |
|              | 186             | 6.2          | 7.44       | 3630       | 23           |                                                                                     |           |            |
|              | 205             | 5.6          | 6.74       | 3510       | 25           |                                                                                     |           |            |
|              | 228             | 5.0          | 6.05       | 3390       | 27           |                                                                                     |           |            |
|              | 265             | 4.3          | 5.21       | 3230       | 29           |                                                                                     |           |            |
|              | 282             | 4.1          | 4.90       | 3170       | 29           |                                                                                     |           |            |
|              | 327             | 3.5          | 4.22       | 3020       | 31           |                                                                                     |           |            |
| 0.18         | 0.10            | 13500        | 12912      | 87500      | 0.90         |                                                                                     |           |            |
|              | 0.11            | 12100        | 11656      | 90000      | 1.00         |                                                                                     |           |            |
|              | 0.13            | 10700        | 10191      | 90000      | 1.10         |                                                                                     |           |            |
|              | 0.15            | 8980         | 8831       | 90000      | 1.35         |                                                                                     |           |            |
|              | 0.17            | 7770         | 7643       | 90000      | 1.55         |                                                                                     |           |            |
|              | 0.20            | 7150         | 6715       | 90000      | 1.70         |                                                                                     |           |            |
|              | 0.15            | 8560         | 8548       | 47400      | 0.90         |                                                                                     |           |            |
|              | 0.17            | 8050         | 7674       | 48800      | 0.95         |                                                                                     |           |            |
|              | 0.20            | 7030         | 6767       | 51500      | 1.10         |                                                                                     |           |            |
|              | 0.22            | 6090         | 5954       | 53800      | 1.25         |                                                                                     |           |            |
|              | 0.25            | 5310         | 5223       | 55600      | 1.45         |                                                                                     |           |            |
|              | 0.29            | 4860         | 4567       | 56600      | 1.60         |                                                                                     |           |            |
|              | 0.37            | 3660         | 3521       | 59100      | 2.1          |                                                                                     |           |            |
|              | 0.43            | 3170         | 3037       | 60100      | 2.4          |                                                                                     |           |            |
|              | 0.48            | 2880         | 2756       | 60600      | 2.7          |                                                                                     |           |            |
|              | 0.56            | 2470         | 2369       | 61400      | 3.1          |                                                                                     |           |            |
|              | 0.64            | 2160         | 2068       | 61900      | 3.6          |                                                                                     |           |            |
|              | 0.30            | 4660         | 4333       | 27900      | 0.90         |                                                                                     |           |            |
|              | 0.34            | 4260         | 3906       | 30000      | 1.00         |                                                                                     |           |            |
|              | 0.39            | 3670         | 3352       | 31600      | 1.15         |                                                                                     |           |            |
|              | 0.45            | 3100         | 2907       | 33100      | 1.40         |                                                                                     |           |            |
|              | 0.52            | 2790         | 2553       | 33800      | 1.55         |                                                                                     |           |            |
|              | 0.59            | 2450         | 2245       | 34500      | 1.75         |                                                                                     |           |            |
|              | 0.67            | 2130         | 1970       | 35200      | 2.0          |                                                                                     |           |            |
|              | 0.77            | 1890         | 1722       | 35600      | 2.3          |                                                                                     |           |            |
|              | 0.86            | 1670         | 1527       | 36000      | 2.6          |                                                                                     |           |            |
|              | 0.99            | 1380         | 1327       | 36500      | 3.1          |                                                                                     |           |            |
|              | 1.1             | 1280         | 1171       | 36600      | 3.3          |                                                                                     |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.18         | 0.46            | 3160         | 2881       | 12300      | 0.95         |                                                                                     |           |            |
|              | 0.51            | 2820         | 2576       | 23600      | 1.05         |                                                                                     |           |            |
|              | 0.60            | 2400         | 2199       | 25200      | 1.25         |                                                                                     |           |            |
|              | 0.68            | 2080         | 1930       | 26200      | 1.45         |                                                                                     |           |            |
|              | 0.77            | 1860         | 1709       | 26800      | 1.60         | FA                                                                                  | 87        | R57 4      |
|              | 0.88            | 1640         | 1493       | 27500      | 1.85         | FAF                                                                                 | 87        | R57 4      |
|              | 1.0             | 1350         | 1300       | 28200      | 2.2          | F                                                                                   | 87        | R57 4      |
|              | 1.1             | 1210         | 1148       | 28500      | 2.5          | FF                                                                                  | 87        | R57 4      |
|              | 1.3             | 1050         | 1010       | 28900      | 2.9          |                                                                                     |           |            |
|              | 1.5             | 940          | 887        | 29100      | 3.2          |                                                                                     |           |            |
|              | 1.7             | 810          | 780        | 29400      | 3.7          |                                                                                     |           |            |
|              | 0.76            | 1880         | 1728       | 7810       | 0.80         |                                                                                     |           |            |
|              | 0.86            | 1710         | 1544       | 14100      | 0.90         |                                                                                     |           |            |
|              | 0.98            | 1500         | 1354       | 15700      | 1.00         |                                                                                     |           |            |
|              | 1.1             | 1330         | 1200       | 16800      | 1.15         | FA                                                                                  | 77        | R37 4      |
|              | 1.2             | 1170         | 1053       | 17600      | 1.30         | FAF                                                                                 | 77        | R37 4      |
|              | 1.5             | 1000         | 910        | 18300      | 1.50         | F                                                                                   | 77        | R37 4      |
|              | 1.6             | 860          | 810        | 18800      | 1.75         | FF                                                                                  | 77        | R37 4      |
|              | 1.9             | 755          | 710        | 19100      | 2.0          |                                                                                     |           |            |
|              | 2.2             | 670          | 615        | 19300      | 2.2          |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 1.5             | 910          | 858        | 9370       | 0.90         |                                                                                     |           |            |
|              | 1.8             | 800          | 755        | 10400      | 1.00         |                                                                                     |           |            |
|              | 2.1             | 685          | 641        | 11400      | 1.20         | FA                                                                                  | 67        | R37 4      |
|              | 2.3             | 625          | 572        | 11800      | 1.30         | FAF                                                                                 | 67        | R37 4      |
|              | 2.6             | 540          | 509        | 12200      | 1.50         | F                                                                                   | 67        | R37 4      |
|              | 3.0             | 470          | 437        | 12600      | 1.75         | FF                                                                                  | 67        | R37 4      |
|              | 3.4             | 420          | 384        | 12700      | 1.95         |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 2.6             | 560          | 500        | 12100      | 1.45         |                                                                                     |           |            |
|              | 2.9             | 510          | 454        | 12400      | 1.60         |                                                                                     |           |            |
|              | 3.4             | 440          | 392        | 12700      | 1.85         | FA                                                                                  | 67        | R37 4      |
|              | 4.0             | 370          | 333        | 12900      | 2.2          | FAF                                                                                 | 67        | R37 4      |
|              | 4.4             | 325          | 297        | 13000      | 2.5          | F                                                                                   | 67        | R37 4      |
|              | 5.1             | 285          | 261        | 13000      | 2.9          | FF                                                                                  | 67        | R37 4      |
|              | 5.6             | 260          | 238        | 13000      | 3.2          |                                                                                     |           |            |
|              | 6.6             | 215          | 200        | 13000      | 3.8          |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 2.4             | 615          | 558        | 9080       | 1.00         |                                                                                     |           |            |
|              | 2.6             | 550          | 506        | 9560       | 1.10         | FA                                                                                  | 57        | R37 4      |
|              | 2.9             | 485          | 452        | 10000      | 1.25         | FAF                                                                                 | 57        | R37 4      |
|              | 3.4             | 415          | 386        | 10500      | 1.45         | F                                                                                   | 57        | R37 4      |
|              | 3.9             | 360          | 338        | 10800      | 1.65         | FF                                                                                  | 57        | R37 4      |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 3.1             | 485          | 426        | 10000      | 1.25         |                                                                                     |           |            |
|              | 3.5             | 430          | 382        | 10400      | 1.40         | FA                                                                                  | 57        | R37 4      |
|              | 4.0             | 370          | 330        | 10700      | 1.60         | FAF                                                                                 | 57        | R37 4      |
|              | 4.4             | 335          | 298        | 11000      | 1.80         | F                                                                                   | 57        | R37 4      |
|              | 5.0             | 295          | 262        | 11200      | 2.0          | FF                                                                                  | 57        | R37 4      |
|              | 5.8             | 250          | 226        | 11400      | 2.4          |                                                                                     |           |            |
|              | 6.6             | 215          | 200        | 11500      | 2.8          |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 3.6             | 400          | 370        | 5920       | 1.00         |                                                                                     |           |            |
|              | 4.1             | 365          | 324        | 6410       | 1.10         | FA                                                                                  | 47        | R17 4      |
|              | 4.6             | 315          | 288        | 6910       | 1.25         | FAF                                                                                 | 47        | R17 4      |
|              | 5.3             | 270          | 249        | 7310       | 1.50         | F                                                                                   | 47        | R17 4      |
|              |                 |              |            |            |              | FF                                                                                  | 47        | R17 4      |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 4.0             | 375          | 334        | 6260       | 1.05         |                                                                                     |           |            |
|              | 4.5             | 330          | 295        | 6780       | 1.20         | FA                                                                                  | 47        | R17 4      |
|              | 5.2             | 280          | 253        | 7250       | 1.45         | FAF                                                                                 | 47        | R17 4      |
|              | 6.1             | 245          | 217        | 7490       | 1.60         | F                                                                                   | 47        | R17 4      |
|              | 7.0             | 215          | 190        | 7690       | 1.85         | FF                                                                                  | 47        | R17 4      |
|              | 7.4             | 200          | 178        | 7770       | 2.0          |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 7.1             | 210          | 186        | 4160       | 0.95         |                                                                                     |           |            |
|              | 7.9             | 188          | 167        | 4460       | 1.05         | FA                                                                                  | 37        | R17 4      |
|              | 9.1             | 166          | 145        | 4720       | 1.20         | FAF                                                                                 | 37        | R17 4      |
|              | 10              | 146          | 129        | 4910       | 1.35         | F                                                                                   | 37        | R17 4      |
|              |                 |              |            |            |              | FF                                                                                  | 37        | R17 4      |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 3.1             | 555          | 281.71     | 19600      | 2.7          | FA                                                                                  | 77        | 6          |
|              | 3.3             | 520          | 262.93     | 19700      | 2.9          | FAF                                                                                 | 77        | 6          |
|              |                 |              |            |            |              | F                                                                                   | 77        | 6          |
|              | 3.8             | 445          | 225.79     | 19800      | 3.4          | FF                                                                                  | 77        | 6          |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.18         | 3.8             | 450          | 228.99     | 12600      | 1.80         | FA 67                                                                               | 6         | 33         |
|              | 4.4             | 385          | 195.39     | 12900      | 2.1          | FAF 67                                                                              | 6         | 39         |
|              | 5.1             | 340          | 170.85     | 13000      | 2.4          | F 67                                                                                | 6         | 36         |
|              |                 |              |            |            |              | FF 67                                                                               | 6         | 42         |
|              | 5.8             | 300          | 228.99     | 13000      | 2.8          | FA 67                                                                               | 4         | 32         |
|              | 6.8             | 255          | 195.39     | 13000      | 3.2          | FAF 67                                                                              | 4         | 38         |
|              | 7.7             | 225          | 170.85     | 13000      | 3.7          | F 67                                                                                | 4         | 35         |
|              |                 |              |            |            |              | FF 67                                                                               | 4         | 41         |
|              | 4.4             | 395          | 199.70     | 10600      | 1.50         | FA 57                                                                               | 6         | 29         |
|              | 4.7             | 365          | 183.60     | 10800      | 1.65         | FAF 57                                                                              | 6         | 34         |
|              | 5.5             | 310          | 157.09     | 11100      | 1.95         | F 57                                                                                | 6         | 29         |
|              | 6.4             | 270          | 136.16     | 11300      | 2.2          | FF 57                                                                               | 6         | 35         |
|              | 6.8             | 250          | 127.27     | 11400      | 2.4          | FA 57                                                                               | 4         | 28         |
|              | 7.9             | 215          | 110.01     | 11500      | 2.8          | FAF 57                                                                              | 4         | 34         |
|              |                 |              |            |            |              | F 57                                                                                | 4         | 28         |
|              |                 |              |            |            |              | FF 57                                                                               | 4         | 35         |
|              | 4.6             | 375          | 190.76     | 6240       | 1.05         | FA 47                                                                               | 6         | 22         |
|              | 5.0             | 345          | 175.38     | 6600       | 1.15         | FAF 47                                                                              | 6         | 24         |
|              | 5.8             | 295          | 150.06     | 7090       | 1.35         | F 47                                                                                | 6         | 22         |
|              | 6.7             | 255          | 130.07     | 7410       | 1.55         | FF 47                                                                               | 6         | 25         |
|              | 7.2             | 240          | 121.57     | 7530       | 1.65         | FA 47                                                                               | 4         | 21         |
|              |                 |              |            |            |              | FAF 47                                                                              | 4         | 24         |
|              |                 |              |            |            |              | F 47                                                                                | 4         | 22         |
|              |                 |              |            |            |              | FF 47                                                                               | 4         | 25         |
|              | 6.9             | 250          | 190.76     | 7470       | 1.60         | FA 47                                                                               | 4         | 21         |
|              | 7.5             | 230          | 175.38     | 7610       | 1.75         | FAF 47                                                                              | 4         | 24         |
|              | 8.8             | 195          | 150.06     | 7800       | 2.0          | F 47                                                                                | 4         | 22         |
|              | 10              | 169          | 130.07     | 7920       | 2.4          | FF 47                                                                               | 4         | 25         |
|              | 11              | 158          | 121.57     | 7970       | 2.5          | FA 37                                                                               | 6         | 17         |
|              |                 |              |            |            |              | FAF 37                                                                              | 6         | 18         |
|              |                 |              |            |            |              | F 37                                                                                | 6         | 17         |
|              |                 |              |            |            |              | FF 37                                                                               | 6         | 19         |
|              | 7.4             | 235          | 117.88     | 3750       | 0.85         | FA 37                                                                               | 4         | 16         |
|              | 8.7             | 198          | 100.36     | 4320       | 1.00         | FAF 37                                                                              | 4         | 18         |
|              | 10              | 171          | 86.53      | 4660       | 1.15         | F 37                                                                                | 4         | 17         |
|              | 11              | 159          | 80.65      | 4790       | 1.25         | FF 37                                                                               | 4         | 18         |
|              | 12              | 139          | 70.50      | 4970       | 1.45         | FA 37                                                                               | 4         | 16         |
|              |                 |              |            |            |              | FAF 37                                                                              | 4         | 18         |
|              |                 |              |            |            |              | F 37                                                                                | 4         | 17         |
|              |                 |              |            |            |              | FF 37                                                                               | 4         | 18         |
|              | 10              | 167          | 128.51     | 4700       | 1.20         | FA 37                                                                               | 4         | 16         |
|              | 11              | 154          | 117.88     | 4850       | 1.30         | FAF 37                                                                              | 4         | 18         |
|              | 13              | 131          | 100.36     | 5050       | 1.55         | F 37                                                                                | 4         | 17         |
|              | 15              | 113          | 86.53      | 5180       | 1.75         | FF 37                                                                               | 4         | 18         |
|              | 16              | 105          | 80.65      | 5230       | 1.90         | FA 37                                                                               | 4         | 16         |
|              | 19              | 92           | 70.50      | 5300       | 2.2          | FAF 37                                                                              | 4         | 18         |
|              | 20              | 86           | 66.09      | 5330       | 2.3          | F 37                                                                                | 4         | 17         |
|              | 23              | 76           | 58.32      | 5380       | 2.6          | FF 37                                                                               | 4         | 18         |
|              | 24              | 71           | 54.54      | 5400       | 2.8          | FA 37                                                                               | 4         | 16         |
|              | 26              | 67           | 51.70      | 5410       | 3.0          | FAF 37                                                                              | 4         | 18         |
|              | 28              | 61           | 47.02      | 5440       | 3.3          | F 37                                                                                | 4         | 17         |
|              | 30              | 57           | 43.83      | 5450       | 3.5          | FF 37                                                                               | 4         | 18         |
|              | 34              | 50           | 38.31      | 5470       | 4.0          | FA 37                                                                               | 4         | 16         |
|              | 37              | 47           | 35.91      | 5480       | 4.3          | FAF 37                                                                              | 4         | 18         |
|              | 42              | 41           | 31.69      | 5490       | 4.8          | F 37                                                                                | 4         | 17         |
|              | 47              | 37           | 28.09      | 5500       | 5.5          | FF 37                                                                               | 4         | 18         |
|              | 55              | 31           | 23.88      | 5260       | 6.4          | FA 37                                                                               | 4         | 16         |
|              |                 |              |            |            |              | FAF 37                                                                              | 4         | 18         |
|              |                 |              |            |            |              | F 37                                                                                | 4         | 17         |
|              |                 |              |            |            |              | FF 37                                                                               | 4         | 18         |
|              | 56              | 31           | 23.63      | 5240       | 6.5          | FA 37                                                                               | 4         | 16         |
|              | 64              | 27           | 20.57      | 5030       | 7.5          | FAF 37                                                                              | 4         | 18         |
|              | 69              | 25           | 19.27      | 4930       | 8.0          | F 37                                                                                | 4         | 17         |
|              | 78              | 22           | 17.03      | 4740       | 9.0          | FF 37                                                                               | 4         | 18         |
|              | 83              | 21           | 15.81      | 4640       | 9.7          | FA 37                                                                               | 4         | 16         |
|              | 92              | 19           | 14.33      | 4500       | 11           | FAF 37                                                                              | 4         | 18         |
|              | 103             | 17           | 12.87      | 4350       | 12           | F 37                                                                                | 4         | 17         |
|              | 119             | 14           | 11.08      | 4150       | 13           | FF 37                                                                               | 4         | 18         |
|              | 127             | 14           | 10.42      | 4070       | 14           | FA 37                                                                               | 4         | 16         |
|              | 147             | 12           | 8.97       | 3880       | 15           | FAF 37                                                                              | 4         | 18         |
|              | 178             | 9.7          | 7.44       | 3650       | 15           | F 37                                                                                | 4         | 17         |
|              | 196             | 8.8          | 6.74       | 3540       | 16           | FF 37                                                                               | 4         | 18         |
|              | 218             | 7.9          | 6.05       | 3420       | 17           | FA 37                                                                               | 4         | 16         |
|              | 253             | 6.8          | 5.21       | 3260       | 18           | FAF 37                                                                              | 4         | 18         |
|              | 269             | 6.4          | 4.90       | 3190       | 19           | F 37                                                                                | 4         | 17         |
|              | 313             | 5.5          | 4.22       | 3040       | 20           | FF 37                                                                               | 4         | 18         |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |     |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|-----|
| 0.25         | 0.15            | 13300        | 8831       | 88000      | 0.90         |                                                                                     |           |            |     |
|              | 0.17            | 11500        | 7643       | 90000      | 1.05         | FA                                                                                  | 127       | R77 4      | 425 |
|              | 0.19            | 10400        | 6715       | 90000      | 1.15         | FAF                                                                                 | 127       | R77 4      | 465 |
|              | 0.22            | 9190         | 5925       | 90000      | 1.30         | F                                                                                   | 127       | R77 4      | 465 |
|              | 0.25            | 7860         | 5153       | 90000      | 1.55         | FF                                                                                  | 127       | R77 4      | 510 |
|              | 0.29            | 6850         | 4533       | 90000      | 1.75         |                                                                                     |           |            |     |
|              | 0.22            | 9000         | 5954       | 46200      | 0.85         | FA                                                                                  | 107       | R77 4      | 275 |
|              | 0.25            | 7860         | 5223       | 49300      | 1.00         | FAF                                                                                 | 107       | R77 4      | 295 |
|              | 0.28            | 7090         | 4567       | 51400      | 1.10         | F                                                                                   | 107       | R77 4      | 290 |
|              | 0.37            | 5370         | 3521       | 55500      | 1.45         | FF                                                                                  | 107       | R77 4      | 320 |
|              | 0.43            | 4680         | 3037       | 57000      | 1.65         |                                                                                     |           |            |     |
|              | 0.47            | 4240         | 2756       | 57900      | 1.80         | FA                                                                                  | 107       | R77 4      | 275 |
|              | 0.55            | 3650         | 2369       | 59100      | 2.1          | FAF                                                                                 | 107       | R77 4      | 295 |
|              | 0.63            | 3180         | 2068       | 60000      | 2.4          | F                                                                                   | 107       | R77 4      | 290 |
|              | 0.81            | 2440         | 1597       | 61400      | 3.2          | FF                                                                                  | 107       | R77 4      | 320 |
|              | 0.93            | 2110         | 1401       | 62000      | 3.6          |                                                                                     |           |            |     |
|              | 0.45            | 4530         | 2907       | 29200      | 0.95         |                                                                                     |           |            |     |
|              | 0.51            | 4050         | 2553       | 30600      | 1.05         |                                                                                     |           |            |     |
|              | 0.58            | 3560         | 2245       | 31900      | 1.20         | FA                                                                                  | 97        | R57 4      | 185 |
|              | 0.66            | 3100         | 1970       | 33100      | 1.40         | FAF                                                                                 | 97        | R57 4      | 205 |
|              | 0.75            | 2740         | 1722       | 33900      | 1.55         | F                                                                                   | 97        | R57 4      | 190 |
|              | 0.85            | 2430         | 1527       | 34600      | 1.75         | FF                                                                                  | 97        | R57 4      | 225 |
|              | 0.98            | 2040         | 1327       | 35300      | 2.1          |                                                                                     |           |            |     |
|              | 1.1             | 1860         | 1171       | 35600      | 2.3          |                                                                                     |           |            |     |
|              | 1.3             | 1630         | 1022       | 36100      | 2.6          |                                                                                     |           |            |     |
|              | 0.67            | 3040         | 1930       | 18200      | 1.00         |                                                                                     |           |            |     |
|              | 0.76            | 2710         | 1709       | 24000      | 1.10         | FA                                                                                  | 87        | R57 4      | 120 |
|              | 0.87            | 2380         | 1493       | 25200      | 1.25         | FAF                                                                                 | 87        | R57 4      | 130 |
|              | 1.0             | 1990         | 1300       | 26500      | 1.50         | F                                                                                   | 87        | R57 4      | 125 |
|              | 1.1             | 1780         | 1148       | 27100      | 1.70         | FF                                                                                  | 87        | R57 4      | 140 |
|              | 1.3             | 1550         | 1010       | 27700      | 1.95         |                                                                                     |           |            |     |
|              | 1.5             | 1370         | 887        | 28100      | 2.2          |                                                                                     |           |            |     |
|              | 1.7             | 1200         | 780        | 28500      | 2.5          |                                                                                     |           |            |     |
|              | 1.9             | 1020         | 674        | 28900      | 2.9          |                                                                                     |           |            |     |
|              | 1.2             | 1690         | 1053       | 14300      | 0.90         |                                                                                     |           |            |     |
|              | 1.4             | 1450         | 910        | 16000      | 1.05         | FA                                                                                  | 77        | R37 4      | 66  |
|              | 1.6             | 1260         | 810        | 17100      | 1.20         | FAF                                                                                 | 77        | R37 4      | 72  |
|              | 1.8             | 1110         | 710        | 17900      | 1.35         | F                                                                                   | 77        | R37 4      | 70  |
|              | 2.1             | 970          | 615        | 18400      | 1.55         | FF                                                                                  | 77        | R37 4      | 80  |
|              | 2.4             | 850          | 538        | 18800      | 1.75         |                                                                                     |           |            |     |
|              | 2.7             | 760          | 480        | 19100      | 2.0          |                                                                                     |           |            |     |
|              | 3.2             | 645          | 413        | 19400      | 2.3          |                                                                                     |           |            |     |
|              | 2.0             | 1000         | 641        | 2370       | 0.80         | FA                                                                                  | 67        | R37 4      | 44  |
|              | 2.3             | 910          | 572        | 9440       | 0.90         | FAF                                                                                 | 67        | R37 4      | 50  |
|              | 2.6             | 795          | 509        | 10500      | 1.05         | F                                                                                   | 67        | R37 4      | 46  |
|              | 3.0             | 685          | 437        | 11400      | 1.20         | FF                                                                                  | 67        | R37 4      | 53  |
|              | 2.6             | 810          | 500        | 10400      | 1.00         |                                                                                     |           |            |     |
|              | 2.9             | 740          | 454        | 11000      | 1.10         | FA                                                                                  | 67        | R37 4      | 42  |
|              | 3.3             | 635          | 392        | 11700      | 1.30         | FAF                                                                                 | 67        | R37 4      | 49  |
|              | 3.9             | 535          | 333        | 12200      | 1.55         | F                                                                                   | 67        | R37 4      | 45  |
|              | 4.4             | 475          | 297        | 12500      | 1.70         | FF                                                                                  | 67        | R37 4      | 51  |
|              | 5.0             | 420          | 261        | 12700      | 1.95         |                                                                                     |           |            |     |
|              | 5.5             | 375          | 238        | 12900      | 2.2          |                                                                                     |           |            |     |
|              | 3.4             | 605          | 386        | 9170       | 1.00         | FA                                                                                  | 57        | R37 4      | 40  |
|              | 3.8             | 525          | 338        | 9740       | 1.15         | FAF                                                                                 | 57        | R37 4      | 45  |
|              | 5.1             | 400          | 255        | 10600      | 1.50         | F                                                                                   | 57        | R37 4      | 40  |
|              |                 |              |            |            |              | FF                                                                                  | 57        | R37 4      | 46  |
|              | 3.4             | 625          | 382        | 8710       | 0.95         |                                                                                     |           |            |     |
|              | 3.9             | 535          | 330        | 9680       | 1.10         | FA                                                                                  | 57        | R37 4      | 39  |
|              | 4.4             | 485          | 298        | 10000      | 1.25         | FAF                                                                                 | 57        | R37 4      | 45  |
|              | 5.0             | 425          | 262        | 10400      | 1.40         | F                                                                                   | 57        | R37 4      | 39  |
|              | 5.8             | 360          | 226        | 10800      | 1.65         | FF                                                                                  | 57        | R37 4      | 46  |
|              | 6.5             | 320          | 200        | 11000      | 1.90         |                                                                                     |           |            |     |
|              | 7.7             | 270          | 170        | 11300      | 2.2          |                                                                                     |           |            |     |



F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.25         | 5.2             | 395          | 249        | 6020       | 1.00         | FA 47                                                                               | R17 4     | 25         |
|              | 6.0             | 350          | 218        | 6580       | 1.15         | FAF 47                                                                              | R17 4     | 27         |
|              | 6.7             | 305          | 193        | 7000       | 1.30         | F 47                                                                                | R17 4     | 25         |
|              | 7.4             | 280          | 175        | 7250       | 1.45         | FF 47                                                                               | R17 4     | 28         |
|              | 5.1             | 405          | 253        | 5850       | 1.00         | FA 47                                                                               | R17 4     | 24         |
|              | 6.0             | 355          | 217        | 6490       | 1.10         | FAF 47                                                                              | R17 4     | 26         |
|              | 6.8             | 310          | 190        | 6970       | 1.30         | F 47                                                                                | R17 4     | 25         |
|              | 7.3             | 290          | 178        | 7150       | 1.40         | FF 47                                                                               | R17 4     | 28         |
|              | 8.7             | 240          | 149        | 7520       | 1.65         |                                                                                     |           |            |
|              | 9.9             | 210          | 131        | 7710       | 1.90         |                                                                                     |           |            |
|              | 8.9             | 240          | 145        | 3640       | 0.85         | FA 37                                                                               | R17 4     | 20         |
|              | 10              | 210          | 129        | 4130       | 0.95         | FAF 37                                                                              | R17 4     | 21         |
|              | 11              | 193          | 118        | 4390       | 1.05         | F 37                                                                                | R17 4     | 20         |
|              | 13              | 160          | 98         | 4780       | 1.25         | FF 37                                                                               | R17 4     | 22         |
|              | 15              | 140          | 87         | 4970       | 1.45         |                                                                                     |           |            |
|              | 3.1             | 765          | 281.71     | 19100      | 1.95         | FA 77                                                                               | 6         | 57         |
|              | 3.3             | 715          | 262.93     | 19200      | 2.1          | FAF 77                                                                              | 6         | 64         |
|              | 3.9             | 615          | 225.79     | 19500      | 2.5          | F 77                                                                                | 6         | 61         |
|              | 4.4             | 540          | 198.31     | 19600      | 2.8          | FF 77                                                                               | 6         | 72         |
|              | 4.7             | 510          | 188.40     | 19700      | 2.9          |                                                                                     |           |            |
|              | 3.8             | 620          | 228.99     | 11800      | 1.30         | FA 67                                                                               | 6         | 34         |
|              | 4.5             | 530          | 195.39     | 12300      | 1.55         | FAF 67                                                                              | 6         | 41         |
|              | 5.2             | 465          | 170.85     | 12600      | 1.75         | F 67                                                                                | 6         | 37         |
|              | 5.4             | 440          | 162.31     | 12700      | 1.85         | FF 67                                                                               | 6         | 43         |
|              | 6.2             | 385          | 142.40     | 12900      | 2.1          |                                                                                     |           |            |
|              | 5.7             | 420          | 228.99     | 12700      | 1.95         | FA 67                                                                               | 4         | 33         |
|              | 6.7             | 360          | 195.39     | 13000      | 2.3          | FAF 67                                                                              | 4         | 39         |
|              | 7.6             | 315          | 170.85     | 13000      | 2.6          | F 67                                                                                | 4         | 36         |
|              | 8.0             | 300          | 162.31     | 13000      | 2.8          | FF 67                                                                               | 4         | 42         |
|              | 9.1             | 260          | 142.40     | 13000      | 3.1          |                                                                                     |           |            |
|              | 4.4             | 540          | 199.70     | 9630       | 1.10         | FA 57                                                                               | 6         | 30         |
|              | 4.8             | 500          | 183.60     | 9940       | 1.20         | FAF 57                                                                              | 6         | 36         |
|              | 5.6             | 425          | 157.09     | 10400      | 1.40         | F 57                                                                                | 6         | 31         |
|              | 6.5             | 370          | 136.16     | 10800      | 1.60         | FF 57                                                                               | 6         | 37         |
|              | 6.9             | 345          | 127.27     | 10900      | 1.75         |                                                                                     |           |            |
|              | 8.0             | 300          | 110.01     | 11100      | 2.0          |                                                                                     |           |            |
|              | 6.5             | 365          | 199.70     | 10800      | 1.65         | FA 57                                                                               | 4         | 29         |
|              | 7.1             | 335          | 183.60     | 10900      | 1.80         | FAF 57                                                                              | 4         | 34         |
|              | 8.3             | 290          | 157.09     | 11200      | 2.1          | F 57                                                                                | 4         | 29         |
|              | 9.6             | 250          | 136.16     | 11400      | 2.4          | FF 57                                                                               | 4         | 35         |
|              | 10              | 235          | 127.27     | 11500      | 2.6          |                                                                                     |           |            |
|              | 12              | 200          | 110.01     | 11500      | 3.0          |                                                                                     |           |            |
|              | 5.9             | 405          | 150.06     | 5750       | 1.00         | FA 47                                                                               | 6         | 22         |
|              | 6.8             | 355          | 130.07     | 6530       | 1.15         | FAF 47                                                                              | 6         | 25         |
|              | 7.2             | 330          | 121.57     | 6770       | 1.20         | F 47                                                                                | 6         | 23         |
|              | 8.4             | 285          | 105.09     | 7190       | 1.40         | FF 47                                                                               | 6         | 26         |
|              | 6.8             | 350          | 190.76     | 6550       | 1.15         | FA 47                                                                               | 4         | 22         |
|              | 7.4             | 320          | 175.38     | 6850       | 1.25         | FAF 47                                                                              | 4         | 24         |
|              | 8.7             | 275          | 150.06     | 7270       | 1.45         | F 47                                                                                | 4         | 22         |
|              | 10              | 240          | 130.07     | 7540       | 1.65         | FF 47                                                                               | 4         | 25         |
|              | 11              | 225          | 121.57     | 7640       | 1.80         |                                                                                     |           |            |
|              | 12              | 193          | 105.09     | 7810       | 2.1          |                                                                                     |           |            |
|              | 15              | 164          | 89.29      | 7950       | 2.4          |                                                                                     |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.25         | 10              | 235          | 128.51     | 3690       | 0.85         |  | 4         | 17         |
|              | 11              | 215          | 117.88     | 4040       | 0.90         |                                                                                     |           |            |
|              | 13              | 184          | 100.36     | 4500       | 1.10         |                                                                                     |           |            |
|              | 15              | 159          | 86.53      | 4790       | 1.25         |                                                                                     |           |            |
|              | 16              | 148          | 80.65      | 4900       | 1.35         |                                                                                     |           |            |
|              | 18              | 130          | 70.50      | 5060       | 1.55         |                                                                                     |           |            |
|              | 20              | 121          | 66.09      | 5120       | 1.65         |                                                                                     |           |            |
|              | 22              | 107          | 58.32      | 5210       | 1.85         |                                                                                     |           |            |
|              | 24              | 100          | 54.54      | 5260       | 2.0          |                                                                                     |           |            |
|              | 25              | 95           | 51.70      | 5280       | 2.1          |                                                                                     |           |            |
|              | 28              | 86           | 47.02      | 5330       | 2.3          |                                                                                     |           |            |
|              | 30              | 81           | 43.83      | 5360       | 2.5          |                                                                                     |           |            |
|              | 34              | 70           | 38.31      | 5400       | 2.8          |                                                                                     |           |            |
|              | 36              | 66           | 35.91      | 5420       | 3.0          |                                                                                     |           |            |
|              | 41              | 58           | 31.69      | 5450       | 3.4          |                                                                                     |           |            |
|              | 46              | 52           | 28.09      | 5430       | 3.9          |                                                                                     |           |            |
|              | 54              | 44           | 23.88      | 5180       | 4.6          |                                                                                     |           |            |
|              | 55              | 43           | 23.63      | 5170       | 4.6          |                                                                                     |           |            |
|              | 63              | 38           | 20.57      | 4960       | 5.3          |                                                                                     |           |            |
|              | 67              | 35           | 19.27      | 4870       | 5.7          |                                                                                     |           |            |
|              | 76              | 31           | 17.03      | 4690       | 6.4          |                                                                                     |           |            |
|              | 82              | 29           | 15.81      | 4590       | 6.9          |                                                                                     |           |            |
|              | 91              | 26           | 14.33      | 4460       | 7.6          |                                                                                     |           |            |
|              | 101             | 24           | 12.87      | 4320       | 8.5          |                                                                                     |           |            |
|              | 117             | 20           | 11.08      | 4120       | 9.3          |                                                                                     |           |            |
|              | 125             | 19           | 10.42      | 4050       | 9.7          |                                                                                     |           |            |
|              | 145             | 17           | 8.97       | 3860       | 11           |                                                                                     |           |            |
|              | 175             | 14           | 7.44       | 3630       | 11           |                                                                                     |           |            |
|              | 193             | 12           | 6.74       | 3520       | 11           |                                                                                     |           |            |
|              | 215             | 11           | 6.05       | 3410       | 12           |                                                                                     |           |            |
|              | 249             | 9.6          | 5.21       | 3250       | 13           |                                                                                     |           |            |
|              | 265             | 9.0          | 4.90       | 3190       | 13           |                                                                                     |           |            |
|              | 308             | 7.7          | 4.22       | 3040       | 14           |                                                                                     |           |            |
| 0.37         | 0.21            | 14900        | 6715       | 84800      | 0.80         |  | 4         | 425        |
|              | 0.23            | 13100        | 5925       | 88300      | 0.90         |                                                                                     |           |            |
|              | 0.27            | 11300        | 5153       | 90000      | 1.05         |                                                                                     |           |            |
|              | 0.30            | 9850         | 4533       | 90000      | 1.20         |                                                                                     |           |            |
|              | 0.35            | 8590         | 3926       | 90000      | 1.40         |                                                                                     |           |            |
|              | 0.40            | 7510         | 3454       | 90000      | 1.60         |                                                                                     |           |            |
|              | 0.46            | 6570         | 3031       | 90000      | 1.85         |                                                                                     |           |            |
|              | 0.45            | 6720         | 3037       | 52300      | 1.15         |                                                                                     |           |            |
|              | 0.50            | 6090         | 2756       | 53800      | 1.25         |                                                                                     |           |            |
|              | 0.58            | 5240         | 2369       | 55800      | 1.45         |                                                                                     |           |            |
|              | 0.67            | 4570         | 2068       | 57200      | 1.70         |                                                                                     |           |            |
|              | 0.86            | 3510         | 1597       | 59400      | 2.2          |                                                                                     |           |            |
|              | 0.61            | 5070         | 2245       | 5160       | 0.85         |                                                                                     |           |            |
|              | 0.70            | 4430         | 1970       | 29500      | 0.95         |                                                                                     |           |            |
|              | 0.80            | 3900         | 1722       | 31000      | 1.10         |                                                                                     |           |            |
|              | 0.90            | 3460         | 1527       | 32200      | 1.25         |                                                                                     |           |            |
|              | 1.0             | 2930         | 1327       | 33500      | 1.45         |                                                                                     |           |            |
|              | 1.2             | 2650         | 1171       | 34100      | 1.60         |                                                                                     |           |            |
|              | 1.4             | 2310         | 1022       | 34800      | 1.85         |                                                                                     |           |            |
|              | 1.5             | 1960         | 898        | 35500      | 2.2          |                                                                                     |           |            |
|              | 1.1             | 2870         | 1300       | 23400      | 1.05         |                                                                                     |           |            |
|              | 1.2             | 2550         | 1148       | 24600      | 1.20         |                                                                                     |           |            |
|              | 1.4             | 2230         | 1010       | 25700      | 1.35         |                                                                                     |           |            |
|              | 1.6             | 1970         | 887        | 26500      | 1.50         |                                                                                     |           |            |
|              | 1.8             | 1720         | 780        | 27200      | 1.75         |                                                                                     |           |            |
|              | 2.0             | 1470         | 674        | 27900      | 2.0          |                                                                                     |           |            |
|              | 2.3             | 1340         | 609        | 28200      | 2.2          |                                                                                     |           |            |
|              | 2.7             | 1130         | 515        | 28700      | 2.7          |                                                                                     |           |            |
|              | 3.0             | 1000         | 452        | 29000      | 3.0          |                                                                                     |           |            |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.37         | 1.7             | 1810         | 810        | 13300      | 0.85         |                                                                                     |           |            |
|              | 1.9             | 1590         | 710        | 15100      | 0.95         |                                                                                     |           |            |
|              | 2.2             | 1390         | 615        | 16400      | 1.10         | FA 77                                                                               | R37 4     | 67         |
|              | 2.6             | 1210         | 538        | 17400      | 1.25         | FAF 77                                                                              | R37 4     | 73         |
|              | 2.9             | 1080         | 480        | 18000      | 1.40         | F 77                                                                                | R37 4     | 71         |
|              | 3.3             | 920          | 413        | 18600      | 1.65         | FF 77                                                                               | R37 4     | 81         |
|              | 3.8             | 830          | 367        | 18900      | 1.80         |                                                                                     |           |            |
|              | 4.3             | 730          | 323        | 19200      | 2.0          |                                                                                     |           |            |
|              | 3.2             | 980          | 437        | 5750       | 0.85         |                                                                                     |           |            |
|              | 3.6             | 870          | 384        | 9880       | 0.95         | FA 67                                                                               | R37 4     | 45         |
|              | 4.1             | 770          | 338        | 10800      | 1.05         | FAF 67                                                                              | R37 4     | 51         |
|              | 4.5             | 685          | 305        | 11400      | 1.20         | F 67                                                                                | R37 4     | 47         |
|              | 5.4             | 575          | 257        | 12000      | 1.40         | FF 67                                                                               | R37 4     | 53         |
|              | 6.0             | 510          | 231        | 12400      | 1.60         |                                                                                     |           |            |
|              | 5.4             | 570          | 255        | 9420       | 1.05         | FA 57                                                                               | R37 4     | 41         |
|              | 6.9             | 445          | 201        | 10300      | 1.35         | FAF 57                                                                              | R37 4     | 46         |
|              | 7.6             | 405          | 181        | 10500      | 1.50         | F 57                                                                                | R37 4     | 41         |
|              |                 |              |            |            |              | FF 57                                                                               | R37 4     | 47         |
|              | 5.3             | 605          | 262        | 9170       | 1.00         |                                                                                     |           |            |
|              | 6.1             | 515          | 226        | 9810       | 1.15         | FA 57                                                                               | R37 4     | 40         |
|              | 6.9             | 455          | 200        | 10200      | 1.30         | FAF 57                                                                              | R37 4     | 46         |
|              | 8.1             | 385          | 170        | 10700      | 1.55         | F 57                                                                                | R37 4     | 40         |
|              | 9.1             | 345          | 152        | 10900      | 1.75         | FF 57                                                                               | R37 4     | 47         |
|              | 10              | 300          | 134        | 11100      | 2.0          |                                                                                     |           |            |
|              | 7.9             | 395          | 175        | 5990       | 1.00         | FA 47                                                                               | R17 4     | 25         |
|              | 9.4             | 335          | 147        | 6740       | 1.20         | FAF 47                                                                              | R17 4     | 28         |
|              | 11              | 295          | 130        | 7110       | 1.35         | F 47                                                                                | R17 4     | 26         |
|              |                 |              |            |            |              | FF 47                                                                               | R17 4     | 29         |
|              | 2.5             | 1410         | 270.68     | 28100      | 2.1          | FA 87                                                                               | 8         | 105        |
|              | 2.7             | 1330         | 255.37     | 28200      | 2.3          | FAF 87                                                                              | 8         | 120        |
|              | 3.0             | 1190         | 228.93     | 28600      | 2.5          | F 87                                                                                | 8         | 110        |
|              | 3.5             | 1020         | 197.20     | 28900      | 2.9          | FF 87                                                                               | 8         | 125        |
|              | 3.3             | 1060         | 270.68     | 28800      | 2.8          | FA 87                                                                               | 6         | 98         |
|              | 3.5             | 1000         | 255.37     | 29000      | 3.0          | FAF 87                                                                              | 6         | 110        |
|              | 3.9             | 900          | 228.93     | 29200      | 3.3          | F 87                                                                                | 6         | 105        |
|              |                 |              |            |            |              | FF 87                                                                               | 6         | 120        |
|              | 4.0             | 890          | 225.79     | 18700      | 1.70         |                                                                                     |           |            |
|              | 4.5             | 780          | 198.31     | 19100      | 1.95         | FA 77                                                                               | 6         | 59         |
|              | 4.8             | 740          | 188.40     | 19200      | 2.0          | FAF 77                                                                              | 6         | 66         |
|              | 5.4             | 655          | 166.47     | 19400      | 2.3          | F 77                                                                                | 6         | 63         |
|              | 6.3             | 560          | 142.27     | 19600      | 2.7          | FF 77                                                                               | 6         | 74         |
|              | 4.9             | 720          | 281.71     | 19200      | 2.1          | FA 77                                                                               | 4         | 57         |
|              | 5.2             | 675          | 262.93     | 19300      | 2.2          | FAF 77                                                                              | 4         | 64         |
|              | 6.1             | 580          | 225.79     | 19500      | 2.6          | F 77                                                                                | 4         | 61         |
|              | 7.0             | 510          | 198.31     | 19700      | 3.0          | FF 77                                                                               | 4         | 72         |
|              | 4.6             | 765          | 195.39     | 10800      | 1.05         |                                                                                     |           |            |
|              | 5.3             | 670          | 170.85     | 11500      | 1.20         | FA 67                                                                               | 6         | 36         |
|              | 5.6             | 635          | 162.31     | 11700      | 1.30         | FAF 67                                                                              | 6         | 43         |
|              | 6.3             | 560          | 142.40     | 12100      | 1.45         | F 67                                                                                | 6         | 39         |
|              | 7.4             | 475          | 120.79     | 12500      | 1.75         | FF 67                                                                               | 6         | 45         |
|              | 6.0             | 585          | 228.99     | 12000      | 1.40         |                                                                                     |           |            |
|              | 7.1             | 500          | 195.39     | 12400      | 1.65         | FA 67                                                                               | 4         | 34         |
|              | 8.1             | 435          | 170.85     | 12700      | 1.85         | FAF 67                                                                              | 4         | 41         |
|              | 8.5             | 415          | 162.31     | 12800      | 1.95         | F 67                                                                                | 4         | 37         |
|              | 9.7             | 365          | 142.40     | 12900      | 2.2          | FF 67                                                                               | 4         | 43         |
|              | 11              | 310          | 120.79     | 13000      | 2.7          |                                                                                     |           |            |
|              | 5.7             | 615          | 157.09     | 9070       | 0.95         | FA 57                                                                               | 6         | 32         |
|              | 6.6             | 535          | 136.16     | 9680       | 1.10         | FAF 57                                                                              | 6         | 38         |
|              | 7.1             | 500          | 127.27     | 9930       | 1.20         | F 57                                                                                | 6         | 33         |
|              | 8.2             | 430          | 110.01     | 10400      | 1.40         | FF 57                                                                               | 6         | 39         |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |     |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|-----|
| 0.37         | 6.9             | 510          | 199.70     | 9850       | 1.15         |                                                                                     |           |            |     |
|              | 7.5             | 470          | 183.60     | 10100      | 1.30         |                                                                                     |           |            |     |
|              | 8.8             | 400          | 157.09     | 10600      | 1.50         | FA                                                                                  | 57        | 4          | 30  |
|              | 10              | 350          | 136.16     | 10900      | 1.70         | FAF                                                                                 | 57        | 4          | 36  |
|              | 11              | 325          | 127.27     | 11000      | 1.85         | F                                                                                   | 57        | 4          | 31  |
|              | 13              | 280          | 110.01     | 11200      | 2.1          | FF                                                                                  | 57        | 4          | 37  |
|              | 15              | 240          | 93.47      | 11500      | 2.5          |                                                                                     |           |            |     |
|              | 17              | 215          | 83.46      | 11500      | 2.8          |                                                                                     |           |            |     |
|              | 9.2             | 385          | 150.06     | 6140       | 1.05         |                                                                                     |           |            |     |
|              | 11              | 335          | 130.07     | 6740       | 1.20         | FA                                                                                  | 47        | 4          | 22  |
|              | 13              | 270          | 105.09     | 7320       | 1.50         | FAF                                                                                 | 47        | 4          | 25  |
|              | 15              | 230          | 89.29      | 7600       | 1.75         | F                                                                                   | 47        | 4          | 23  |
|              | 17              | 205          | 79.72      | 7750       | 1.95         | FF                                                                                  | 47        | 4          | 26  |
|              | 20              | 174          | 68.09      | 7900       | 2.3          |                                                                                     |           |            |     |
|              | 21              | 167          | 65.36      | 7930       | 2.4          |                                                                                     |           |            |     |
|              | 16              | 220          | 86.53      | 3960       | 0.90         |                                                                                     |           |            |     |
|              | 17              | 205          | 80.65      | 4200       | 0.95         |                                                                                     |           |            |     |
|              | 20              | 181          | 70.50      | 4550       | 1.10         |                                                                                     |           |            |     |
|              | 21              | 169          | 66.09      | 4680       | 1.20         |                                                                                     |           |            |     |
|              | 24              | 149          | 58.32      | 4890       | 1.35         |                                                                                     |           |            |     |
|              | 25              | 140          | 54.54      | 4970       | 1.45         | FA                                                                                  | 37        | 4          | 18  |
|              | 27              | 132          | 51.70      | 5030       | 1.50         | FAF                                                                                 | 37        | 4          | 19  |
|              | 29              | 120          | 47.02      | 5120       | 1.65         | F                                                                                   | 37        | 4          | 18  |
|              | 31              | 112          | 43.83      | 5180       | 1.80         | FF                                                                                  | 37        | 4          | 20  |
|              | 36              | 98           | 38.31      | 5270       | 2.0          |                                                                                     |           |            |     |
|              | 38              | 92           | 35.91      | 5300       | 2.2          |                                                                                     |           |            |     |
|              | 44              | 81           | 31.69      | 5300       | 2.5          |                                                                                     |           |            |     |
|              | 49              | 72           | 28.09      | 5140       | 2.8          |                                                                                     |           |            |     |
|              | 58              | 61           | 23.88      | 4930       | 3.3          |                                                                                     |           |            |     |
|              | 58              | 61           | 23.63      | 4920       | 3.3          |                                                                                     |           |            |     |
|              | 67              | 53           | 20.57      | 4740       | 3.8          |                                                                                     |           |            |     |
|              | 72              | 49           | 19.27      | 4650       | 4.1          |                                                                                     |           |            |     |
|              | 81              | 44           | 17.03      | 4500       | 4.6          |                                                                                     |           |            |     |
|              | 87              | 41           | 15.81      | 4400       | 4.9          |                                                                                     |           |            |     |
|              | 96              | 37           | 14.33      | 4280       | 5.4          |                                                                                     |           |            |     |
|              | 107             | 33           | 12.87      | 4150       | 6.1          | FA                                                                                  | 37        | 4          | 17  |
|              | 125             | 28           | 11.08      | 3970       | 6.7          | FAF                                                                                 | 37        | 4          | 19  |
|              | 132             | 27           | 10.42      | 3900       | 6.9          | F                                                                                   | 37        | 4          | 18  |
|              | 154             | 23           | 8.97       | 3730       | 7.6          | FF                                                                                  | 37        | 4          | 20  |
|              | 186             | 19           | 7.44       | 3510       | 7.6          |                                                                                     |           |            |     |
|              | 205             | 17           | 6.74       | 3410       | 8.1          |                                                                                     |           |            |     |
|              | 228             | 16           | 6.05       | 3300       | 8.7          |                                                                                     |           |            |     |
|              | 265             | 13           | 5.21       | 3150       | 9.4          |                                                                                     |           |            |     |
|              | 282             | 13           | 4.90       | 3090       | 9.6          |                                                                                     |           |            |     |
|              | 327             | 11           | 4.22       | 2950       | 10           |                                                                                     |           |            |     |
| 0.55         | 0.22            | 20500        | 6295       | 92000      | 0.90         | FA                                                                                  | 157       | R97 4      | 770 |
|              | 0.25            | 17400        | 5404       | 102100     | 1.05         | FAF                                                                                 | 157       | R97 4      | 820 |
|              | 0.49            | 8930         | 2780       | 118700     | 2.0          | F                                                                                   | 157       | R97 4      | 790 |
|              |                 |              |            |            |              | FF                                                                                  | 157       | R97 4      | 890 |
|              | 0.56            | 7760         | 2427       | 120000     | 2.3          | FA                                                                                  | 157       | R97 4      | 760 |
|              | 0.81            | 5520         | 1674       | 120000     | 3.3          | FAF                                                                                 | 157       | R97 4      | 820 |
|              | 1.0             | 4220         | 1308       | 120000     | 4.3          | F                                                                                   | 157       | R97 4      | 780 |
|              | 1.2             | 3730         | 1169       | 120000     | 4.8          | FF                                                                                  | 157       | R97 4      | 890 |
|              | 0.35            | 13300        | 3926       | 88000      | 0.90         | FA                                                                                  | 127       | R77 4      | 430 |
|              | 0.39            | 11600        | 3454       | 90000      | 1.05         | FAF                                                                                 | 127       | R77 4      | 465 |
|              | 0.45            | 10200        | 3031       | 90000      | 1.20         | F                                                                                   | 127       | R77 4      | 465 |
|              |                 |              |            |            |              | FF                                                                                  | 127       | R77 4      | 510 |
|              | 0.57            | 8100         | 2369       | 48700      | 0.95         |                                                                                     |           |            |     |
|              | 0.66            | 7070         | 2068       | 51400      | 1.10         |                                                                                     |           |            |     |
|              | 0.74            | 6110         | 1826       | 53800      | 1.25         |                                                                                     |           |            |     |
|              | 0.85            | 5440         | 1597       | 55300      | 1.40         | FA                                                                                  | 107       | R77 4      | 275 |
|              | 0.97            | 4750         | 1401       | 56900      | 1.60         | FAF                                                                                 | 107       | R77 4      | 300 |
|              | 1.1             | 4160         | 1243       | 58100      | 1.85         | F                                                                                   | 107       | R77 4      | 295 |
|              | 1.2             | 3700         | 1087       | 59000      | 2.1          | FF                                                                                  | 107       | R77 4      | 320 |
|              | 1.4             | 3180         | 950        | 60000      | 2.4          |                                                                                     |           |            |     |
|              | 1.6             | 2770         | 834        | 60800      | 2.8          |                                                                                     |           |            |     |
|              | 2.1             | 2150         | 640        | 61900      | 3.6          |                                                                                     |           |            |     |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.55         | 1.0             | 4530         | 1327       | 29200      | 0.95         |                                                                                     |           |            |
|              | 1.2             | 4060         | 1171       | 30600      | 1.05         |                                                                                     |           |            |
|              | 1.3             | 3550         | 1022       | 32000      | 1.20         |                                                                                     |           |            |
|              | 1.5             | 3050         | 898        | 33200      | 1.40         |                                                                                     |           |            |
|              | 1.7             | 2690         | 784        | 34000      | 1.60         | FA                                                                                  | 97        | 185        |
|              | 2.0             | 2340         | 690        | 34700      | 1.85         | FAF                                                                                 | 97        | 210        |
|              | 2.2             | 2060         | 605        | 35300      | 2.1          | F                                                                                   | 97        | 195        |
|              | 2.6             | 1790         | 529        | 35800      | 2.4          | FF                                                                                  | 97        | 225        |
|              | 2.9             | 1580         | 467        | 36100      | 2.7          |                                                                                     |           |            |
|              | 3.4             | 1360         | 406        | 36500      | 3.2          |                                                                                     |           |            |
|              | 3.7             | 1220         | 363        | 36700      | 3.5          |                                                                                     |           |            |
|              | 1.5             | 3040         | 887        | 18200      | 1.00         |                                                                                     |           |            |
|              | 1.7             | 2660         | 780        | 24200      | 1.15         |                                                                                     |           |            |
|              | 2.0             | 2290         | 674        | 25500      | 1.30         | FA                                                                                  | 87        | 120        |
|              | 2.2             | 2080         | 609        | 26200      | 1.45         | FAF                                                                                 | 87        | 135        |
|              | 2.6             | 1750         | 515        | 27100      | 1.70         | F                                                                                   | 87        | 125        |
|              | 3.0             | 1540         | 452        | 27700      | 1.95         | FF                                                                                  | 87        | 145        |
|              | 3.9             | 1160         | 345        | 28600      | 2.6          |                                                                                     |           |            |
|              | 2.5             | 1860         | 538        | 9980       | 0.80         | FA                                                                                  | 77        | 69         |
|              | 2.8             | 1660         | 480        | 14600      | 0.90         | FAF                                                                                 | 77        | 75         |
|              | 3.3             | 1420         | 413        | 16200      | 1.05         | F                                                                                   | 77        | 73         |
|              | 3.7             | 1270         | 367        | 17100      | 1.20         | FF                                                                                  | 77        | 83         |
|              | 4.2             | 1120         | 323        | 17800      | 1.35         |                                                                                     |           |            |
|              | 5.3             | 890          | 257        | 9660       | 0.90         | FA                                                                                  | 67        | 47         |
|              | 5.9             | 790          | 231        | 10600      | 1.05         | FAF                                                                                 | 67        | 53         |
|              | 6.6             | 705          | 205        | 11200      | 1.15         | F                                                                                   | 67        | 49         |
|              | 7.8             | 600          | 175        | 11900      | 1.35         | FF                                                                                  | 67        | 55         |
|              | 2.5             | 2140         | 276.77     | 35100      | 2.0          | FA                                                                                  | 97        | 170        |
|              | 2.7             | 1960         | 253.41     | 35500      | 2.2          | FAF                                                                                 | 97        | 190        |
|              | 3.0             | 1730         | 223.88     | 35900      | 2.5          | F                                                                                   | 97        | 175        |
|              |                 |              |            |            |              | FF                                                                                  | 97        | 210        |
|              | 2.5             | 2090         | 270.68     | 26200      | 1.45         | FA                                                                                  | 87        | 105        |
|              | 2.7             | 1970         | 255.37     | 26500      | 1.50         | FAF                                                                                 | 87        | 120        |
|              | 3.0             | 1770         | 228.93     | 27100      | 1.70         | F                                                                                   | 87        | 110        |
|              | 3.5             | 1520         | 197.20     | 27800      | 1.95         | FF                                                                                  | 87        | 125        |
|              | 3.3             | 1580         | 270.68     | 27600      | 1.90         | FA                                                                                  | 87        | 100        |
|              | 3.5             | 1490         | 255.37     | 27800      | 2.0          | FAF                                                                                 | 87        | 115        |
|              | 3.9             | 1340         | 228.93     | 28200      | 2.2          | F                                                                                   | 87        | 105        |
|              | 4.6             | 1150         | 197.20     | 28700      | 2.6          | FF                                                                                  | 87        | 120        |
|              | 5.0             | 1050         | 179.97     | 28900      | 2.9          |                                                                                     |           |            |
|              | 4.0             | 1320         | 225.79     | 16800      | 1.15         | FA                                                                                  | 77        | 61         |
|              | 4.5             | 1160         | 198.31     | 17600      | 1.30         | FAF                                                                                 | 77        | 68         |
|              | 4.8             | 1100         | 188.40     | 17900      | 1.35         | F                                                                                   | 77        | 65         |
|              | 5.4             | 970          | 166.47     | 18400      | 1.55         | FF                                                                                  | 77        | 76         |
|              | 6.3             | 830          | 142.27     | 18900      | 1.80         |                                                                                     |           |            |
|              | 6.9             | 760          | 130.42     | 19100      | 1.95         |                                                                                     |           |            |
|              | 6.0             | 870          | 225.79     | 18800      | 1.70         | FA                                                                                  | 77        | 59         |
|              | 6.9             | 765          | 198.31     | 19100      | 1.95         | FAF                                                                                 | 77        | 66         |
|              | 7.2             | 730          | 188.40     | 19200      | 2.1          | F                                                                                   | 77        | 63         |
|              | 8.2             | 645          | 166.47     | 19400      | 2.3          | FF                                                                                  | 77        | 74         |
|              | 9.6             | 550          | 142.27     | 19600      | 2.7          |                                                                                     |           |            |
|              | 10              | 505          | 130.42     | 19700      | 3.0          |                                                                                     |           |            |
|              | 12              | 440          | 114.45     | 19800      | 3.4          |                                                                                     |           |            |
|              | 13              | 420          | 108.46     | 19800      | 3.6          |                                                                                     |           |            |
|              | 14              | 365          | 94.93      | 19900      | 4.1          |                                                                                     |           |            |
|              | 7.0             | 755          | 195.39     | 10900      | 1.10         | FA                                                                                  | 67        | 36         |
|              | 8.0             | 660          | 170.85     | 11500      | 1.25         | FAF                                                                                 | 67        | 43         |
|              | 8.4             | 625          | 162.31     | 11700      | 1.30         | F                                                                                   | 67        | 39         |
|              | 9.6             | 550          | 142.40     | 12200      | 1.50         | FF                                                                                  | 67        | 45         |
|              | 11              | 465          | 120.79     | 12600      | 1.75         |                                                                                     |           |            |
|              | 12              | 420          | 109.04     | 12700      | 1.95         |                                                                                     |           |            |
|              | 14              | 370          | 95.94      | 12900      | 2.2          |                                                                                     |           |            |
|              | 15              | 350          | 90.59      | 13000      | 2.3          |                                                                                     |           |            |
|              | 17              | 310          | 79.76      | 13000      | 2.7          |                                                                                     |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |     |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|-----|
| 0.55         | 8.7             | 605          | 157.09     | 9150       | 1.00         |                                                                                     |           |            |     |
|              | 10              | 525          | 136.16     | 9750       | 1.15         |                                                                                     |           |            |     |
|              | 11              | 490          | 127.27     | 9980       | 1.20         |                                                                                     |           |            |     |
|              | 12              | 425          | 110.01     | 10400      | 1.40         | FA                                                                                  | 57        | 4          | 32  |
|              | 15              | 360          | 93.47      | 10800      | 1.65         | FAF                                                                                 | 57        | 4          | 38  |
|              | 16              | 320          | 83.46      | 11000      | 1.85         | F                                                                                   | 57        | 4          | 33  |
|              | 19              | 280          | 72.98      | 11200      | 2.1          | FF                                                                                  | 57        | 4          | 39  |
|              | 20              | 265          | 68.22      | 11300      | 2.3          |                                                                                     |           |            |     |
|              | 23              | 230          | 58.97      | 11500      | 2.6          |                                                                                     |           |            |     |
|              | 13              | 405          | 105.09     | 5840       | 1.00         |                                                                                     |           |            |     |
|              | 15              | 345          | 89.29      | 6620       | 1.15         |                                                                                     |           |            |     |
|              | 17              | 310          | 79.72      | 6990       | 1.30         | FA                                                                                  | 47        | 4          | 24  |
|              | 20              | 265          | 68.09      | 7370       | 1.50         | FAF                                                                                 | 47        | 4          | 27  |
|              | 21              | 250          | 65.36      | 7440       | 1.60         | F                                                                                   | 47        | 4          | 25  |
|              | 24              | 220          | 56.49      | 7670       | 1.85         | FF                                                                                  | 47        | 4          | 28  |
|              | 28              | 185          | 48.00      | 7850       | 2.2          |                                                                                     |           |            |     |
|              | 32              | 166          | 42.86      | 7940       | 2.4          |                                                                                     |           |            |     |
|              | 23              | 225          | 58.32      | 3890       | 0.90         |                                                                                     |           |            |     |
|              | 25              | 210          | 54.54      | 4140       | 0.95         |                                                                                     |           |            |     |
|              | 26              | 200          | 51.70      | 4300       | 1.00         |                                                                                     |           |            |     |
|              | 29              | 182          | 47.02      | 4540       | 1.10         | FA                                                                                  | 37        | 4          | 20  |
|              | 31              | 169          | 43.83      | 4680       | 1.20         | FAF                                                                                 | 37        | 4          | 21  |
|              | 36              | 148          | 38.31      | 4900       | 1.35         | F                                                                                   | 37        | 4          | 20  |
|              | 38              | 139          | 35.91      | 4980       | 1.45         | FF                                                                                  | 37        | 4          | 22  |
|              | 43              | 122          | 31.69      | 4990       | 1.65         |                                                                                     |           |            |     |
|              | 48              | 109          | 28.09      | 4870       | 1.85         |                                                                                     |           |            |     |
|              | 57              | 92           | 23.88      | 4700       | 2.2          |                                                                                     |           |            |     |
| 58           | 91              | 23.63        | 4690       | 2.2        |              |                                                                                     |           |            |     |
| 66           | 79              | 20.57        | 4540       | 2.5        |              |                                                                                     |           |            |     |
| 71           | 74              | 19.27        | 4470       | 2.7        |              |                                                                                     |           |            |     |
| 80           | 66              | 17.03        | 4340       | 3.0        |              |                                                                                     |           |            |     |
| 95           | 55              | 14.33        | 4150       | 3.6        |              |                                                                                     |           |            |     |
| 106          | 50              | 12.87        | 4030       | 4.0        |              |                                                                                     |           |            |     |
| 123          | 43              | 11.08        | 3870       | 4.4        | FA           | 37                                                                                  | 4         | 19         |     |
| 130          | 40              | 10.42        | 3810       | 4.6        | FAF          | 37                                                                                  | 4         | 21         |     |
| 152          | 35              | 8.97         | 3650       | 5.1        | F            | 37                                                                                  | 4         | 20         |     |
| 170          | 31              | 8.01         | 3540       | 5.5        | FF           | 37                                                                                  | 4         | 22         |     |
| 183          | 29              | 7.44         | 3440       | 5.1        |              |                                                                                     |           |            |     |
| 202          | 26              | 6.74         | 3340       | 5.4        |              |                                                                                     |           |            |     |
| 225          | 23              | 6.05         | 3240       | 5.8        |              |                                                                                     |           |            |     |
| 261          | 20              | 5.21         | 3100       | 6.2        |              |                                                                                     |           |            |     |
| 277          | 19              | 4.90         | 3050       | 6.3        |              |                                                                                     |           |            |     |
| 322          | 16              | 4.22         | 2920       | 6.8        |              |                                                                                     |           |            |     |
| 361          | 15              | 3.77         | 2820       | 7.2        |              |                                                                                     |           |            |     |
| 0.75         | 0.50            | 12300        | 2780       | 113600     | 1.45         | FA                                                                                  | 157       | R97 4      | 770 |
|              |                 |              |            |            |              | FAF                                                                                 | 157       | R97 4      | 830 |
|              |                 |              |            |            |              | F                                                                                   | 157       | R97 4      | 790 |
|              |                 |              |            |            |              | FF                                                                                  | 157       | R97 4      | 890 |
|              | 0.57            | 10700        | 2427       | 116200     | 1.70         | FA                                                                                  | 157       | R97 4      | 760 |
|              | 0.82            | 7580         | 1674       | 120000     | 2.4          | FAF                                                                                 | 157       | R97 4      | 820 |
|              | 1.1             | 5830         | 1308       | 120000     | 3.1          | F                                                                                   | 157       | R97 4      | 780 |
|              | 1.2             | 5170         | 1169       | 120000     | 3.5          | FF                                                                                  | 157       | R97 4      | 890 |
|              | 0.46            | 13800        | 3031       | 86900      | 0.85         | FA                                                                                  | 127       | R77 4      | 430 |
|              |                 |              |            |            |              | FAF                                                                                 | 127       | R77 4      | 470 |
|              |                 |              |            |            |              | F                                                                                   | 127       | R77 4      | 465 |
|              |                 |              |            |            |              | FF                                                                                  | 127       | R77 4      | 510 |
|              | 0.52            | 12400        | 2672       | 89600      | 0.95         | FA                                                                                  | 127       | R77 4      | 430 |
|              | 0.59            | 10900        | 2357       | 90000      | 1.10         | FAF                                                                                 | 127       | R77 4      | 465 |
|              | 0.68            | 9390         | 2038       | 90000      | 1.30         | F                                                                                   | 127       | R77 4      | 465 |
|              | 0.77            | 8190         | 1784       | 90000      | 1.45         | FF                                                                                  | 127       | R77 4      | 510 |
|              | 0.86            | 7350         | 1606       | 90000      | 1.65         |                                                                                     |           |            |     |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 0.75         | 0.76            | 8360         | 1826       | 48000      | 0.90         |                                                                                     |           |            |
|              | 0.86            | 7400         | 1597       | 50500      | 1.05         |                                                                                     |           |            |
|              | 0.98            | 6470         | 1401       | 52900      | 1.20         |                                                                                     |           |            |
|              | 1.1             | 5690         | 1243       | 54800      | 1.35         | FA                                                                                  | 107       | 280        |
|              | 1.3             | 5040         | 1087       | 56200      | 1.50         | FAF                                                                                 | 107       | 300        |
|              | 1.5             | 4350         | 950        | 57700      | 1.75         | F                                                                                   | 107       | 295        |
|              | 1.7             | 3800         | 834        | 58800      | 2.0          | FF                                                                                  | 107       | 325        |
|              | 2.2             | 2940         | 640        | 60500      | 2.6          |                                                                                     |           |            |
|              | 3.2             | 2000         | 436        | 62200      | 3.8          |                                                                                     |           |            |
|              | 1.4             | 4810         | 1022       | 22800      | 0.90         |                                                                                     |           |            |
|              | 1.5             | 4150         | 898        | 30300      | 1.05         |                                                                                     |           |            |
|              | 1.8             | 3660         | 784        | 31700      | 1.20         |                                                                                     |           |            |
|              | 2.0             | 3190         | 690        | 32900      | 1.35         | FA                                                                                  | 97        | 190        |
|              | 2.3             | 2800         | 605        | 33800      | 1.55         | FAF                                                                                 | 97        | 210        |
|              | 2.6             | 2440         | 529        | 34500      | 1.75         | F                                                                                   | 97        | 195        |
|              | 3.0             | 2160         | 467        | 35100      | 2.0          | FF                                                                                  | 97        | 230        |
|              | 3.4             | 1860         | 406        | 35600      | 2.3          |                                                                                     |           |            |
|              | 3.8             | 1670         | 363        | 36000      | 2.6          |                                                                                     |           |            |
|              | 2.0             | 3120         | 674        | 14700      | 0.95         | FA                                                                                  | 87        | 120        |
|              | 2.3             | 2830         | 609        | 23600      | 1.05         | FAF                                                                                 | 87        | 135        |
|              | 2.7             | 2390         | 515        | 25200      | 1.25         | F                                                                                   | 87        | 130        |
|              | 3.0             | 2100         | 452        | 26100      | 1.45         | FF                                                                                  | 87        | 145        |
|              | 4.0             | 1590         | 345        | 27600      | 1.90         |                                                                                     |           |            |
|              | 3.8             | 1720         | 367        | 14100      | 0.85         | FA                                                                                  | 77        | 70         |
|              | 4.3             | 1520         | 323        | 15600      | 1.00         | FAF                                                                                 | 77        | 76         |
|              | 4.9             | 1310         | 280        | 16900      | 1.15         | F                                                                                   | 77        | 74         |
|              |                 |              |            |            |              | FF                                                                                  | 77        | 84         |
|              | 2.7             | 2640         | 254.40     | 61100      | 2.9          | FA                                                                                  | 107       | 255        |
|              |                 |              |            |            |              | FAF                                                                                 | 107       | 275        |
|              |                 |              |            |            |              | F                                                                                   | 107       | 270        |
|              |                 |              |            |            |              | FF                                                                                  | 107       | 300        |
|              | 2.5             | 2870         | 276.77     | 33600      | 1.50         | FA                                                                                  | 97        | 180        |
|              | 2.7             | 2630         | 253.41     | 34100      | 1.65         | FAF                                                                                 | 97        | 200        |
|              | 3.1             | 2320         | 223.88     | 34800      | 1.85         | F                                                                                   | 97        | 185        |
|              |                 |              |            |            |              | FF                                                                                  | 97        | 220        |
|              | 3.2             | 2200         | 276.77     | 35000      | 1.95         | FA                                                                                  | 97        | 170        |
|              | 3.5             | 2020         | 253.41     | 35400      | 2.1          | FAF                                                                                 | 97        | 190        |
|              | 4.0             | 1780         | 223.88     | 35800      | 2.4          | F                                                                                   | 97        | 175        |
|              |                 |              |            |            |              | FF                                                                                  | 97        | 210        |
|              | 3.3             | 2150         | 270.68     | 26000      | 1.40         |                                                                                     |           |            |
|              | 3.5             | 2030         | 255.37     | 26300      | 1.50         | FA                                                                                  | 87        | 105        |
|              | 3.9             | 1820         | 228.93     | 27000      | 1.65         | FAF                                                                                 | 87        | 120        |
|              | 4.6             | 1570         | 197.20     | 27600      | 1.90         | F                                                                                   | 87        | 110        |
|              | 5.0             | 1430         | 179.97     | 28000      | 2.1          | FF                                                                                  | 87        | 125        |
|              | 5.6             | 1270         | 159.61     | 28400      | 2.4          |                                                                                     |           |            |
|              | 5.1             | 1400         | 270.68     | 28100      | 2.1          | FA                                                                                  | 87        | 100        |
|              | 5.4             | 1330         | 255.37     | 28200      | 2.3          | FAF                                                                                 | 87        | 115        |
|              | 6.0             | 1190         | 228.93     | 28600      | 2.5          | F                                                                                   | 87        | 105        |
|              |                 |              |            |            |              | FF                                                                                  | 87        | 120        |
|              | 4.5             | 1580         | 198.31     | 15200      | 0.95         | FA                                                                                  | 77        | 66         |
|              | 4.8             | 1500         | 188.40     | 15700      | 1.00         | FAF                                                                                 | 77        | 73         |
|              | 5.4             | 1320         | 166.47     | 16800      | 1.15         | F                                                                                   | 77        | 70         |
|              | 6.3             | 1130         | 142.27     | 17800      | 1.30         | FF                                                                                  | 77        | 81         |
|              | 6.9             | 1040         | 130.42     | 18200      | 1.45         |                                                                                     |           |            |
|              | 6.1             | 1170         | 225.79     | 17600      | 1.30         | FA                                                                                  | 77        | 61         |
|              | 7.0             | 1030         | 198.31     | 18200      | 1.45         | FAF                                                                                 | 77        | 68         |
|              | 7.3             | 980          | 188.40     | 18400      | 1.55         | F                                                                                   | 77        | 65         |
|              |                 |              |            |            |              | FF                                                                                  | 77        | 76         |
|              | 8.3             | 860          | 166.47     | 18800      | 1.75         | FA                                                                                  | 77        | 61         |
|              | 9.7             | 740          | 142.27     | 19200      | 2.0          | FAF                                                                                 | 77        | 68         |
|              | 11              | 675          | 130.42     | 19300      | 2.2          | F                                                                                   | 77        | 65         |
|              | 12              | 595          | 114.45     | 19500      | 2.5          | FF                                                                                  | 77        | 76         |
|              | 13              | 565          | 108.46     | 19600      | 2.7          |                                                                                     |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB]         |  | 极数<br>[P]            | 重量<br>[kg] |    |     |
|--------------|-----------------|--------------|------------|------------|----------------------|-------------------------------------------------------------------------------------|----------------------|------------|----|-----|
| 0.75         | 8.1             | 890          | 170.85     | 9670       | 0.90                 | FA                                                                                  | 67                   | 4          | 37 |     |
|              | 8.5             | 840          | 162.31     | 10100      | 0.95                 | FAF                                                                                 | 67                   | 4          | 44 |     |
|              | 9.7             | 740          | 142.40     | 11000      | 1.10                 | F                                                                                   | 67                   | 4          | 40 |     |
|              | 11              | 625          | 120.79     | 11700      | 1.30                 | FF                                                                                  | 67                   | 4          | 46 |     |
| 0.75         | 13              | 565          | 109.04     | 12100      | 1.45                 | FA<br>FAF<br>F<br>FF                                                                | 67                   | 4          | 37 |     |
|              | 14              | 500          | 95.94      | 12400      | 1.65                 |                                                                                     | 67                   | 4          | 44 |     |
|              | 15              | 470          | 90.59      | 12500      | 1.75                 |                                                                                     | 67                   | 4          | 40 |     |
|              | 17              | 415          | 79.76      | 12800      | 2.0                  |                                                                                     | 67                   | 4          | 46 |     |
|              | 20              | 350          | 67.65      | 13000      | 2.3                  | FA<br>FAF<br>F<br>FF                                                                | 67                   | 4          | 37 |     |
|              | 23              | 315          | 61.07      | 13000      | 2.6                  |                                                                                     | 67                   | 4          | 44 |     |
|              | 11              | 660          | 127.27     | 5290       | 0.90                 |                                                                                     | 57                   | 4          | 33 |     |
|              | 13              | 570          | 110.01     | 9420       | 1.05                 |                                                                                     | 57                   | 4          | 39 |     |
|              | 15              | 485          | 93.47      | 10000      | 1.25                 | FA<br>FAF<br>F<br>FF                                                                | 57                   | 4          | 34 |     |
|              | 17              | 435          | 83.46      | 10400      | 1.40                 |                                                                                     | 57                   | 4          | 40 |     |
|              | 19              | 380          | 72.98      | 10700      | 1.60                 |                                                                                     | FA<br>FAF<br>F<br>FF | 57         | 4  | 25  |
|              | 20              | 355          | 68.22      | 10800      | 1.70                 |                                                                                     |                      | 47         | 4  | 28  |
| 23           | 305             | 58.97        | 11100      | 1.95       | 47                   | 4                                                                                   |                      | 26         |    |     |
| 28           | 260             | 50.10        | 11300      | 2.3        | 47                   | 4                                                                                   |                      | 29         |    |     |
| 31           | 230             | 44.73        | 11400      | 2.6        | FA<br>FAF<br>F<br>FF | 47                                                                                  | 4                    | 25         |    |     |
| 17           | 415             | 79.72        | 5060       | 0.95       |                      | 47                                                                                  | 4                    | 28         |    |     |
| 20           | 355             | 68.09        | 6520       | 1.15       |                      | 47                                                                                  | 4                    | 26         |    |     |
| 21           | 340             | 65.36        | 6680       | 1.20       |                      | 47                                                                                  | 4                    | 29         |    |     |
| 0.75         | 24              | 295          | 56.49      | 7120       | 1.35                 | FA<br>FAF<br>F<br>FF                                                                | 47                   | 4          | 25 |     |
|              | 29              | 250          | 48.00      | 7470       | 1.60                 |                                                                                     | 47                   | 4          | 28 |     |
|              | 32              | 220          | 42.86      | 7640       | 1.80                 |                                                                                     | 47                   | 4          | 26 |     |
|              | 38              | 190          | 36.61      | 7820       | 2.1                  |                                                                                     | 47                   | 4          | 29 |     |
|              | 40              | 178          | 34.29      | 7850       | 2.2                  | FA<br>FAF<br>F<br>FF                                                                | 47                   | 4          | 25 |     |
|              | 48              | 150          | 28.88      | 7540       | 2.7                  |                                                                                     | 47                   | 4          | 28 |     |
|              | 29              | 245          | 47.02      | 3530       | 0.80                 |                                                                                     | 37                   | 4          | 21 |     |
|              | 31              | 230          | 43.83      | 3850       | 0.90                 |                                                                                     | 37                   | 4          | 22 |     |
|              | 36              | 199          | 38.31      | 4310       | 1.00                 | FA<br>FAF<br>F<br>FF                                                                | 37                   | 4          | 21 |     |
|              | 38              | 186          | 35.91      | 4480       | 1.05                 |                                                                                     | 37                   | 4          | 23 |     |
|              | 44              | 165          | 31.69      | 4620       | 1.20                 |                                                                                     | FA<br>FAF<br>F<br>FF | 37         | 4  | 20  |
|              | 49              | 146          | 28.09      | 4540       | 1.35                 |                                                                                     |                      | 37         | 4  | 22  |
| 58           | 124             | 23.88        | 4410       | 1.60       | 37                   | 4                                                                                   |                      | 21         |    |     |
| 58           | 123             | 23.63        | 4400       | 1.65       | FA<br>FAF<br>F<br>FF | 37                                                                                  |                      | 4          | 23 |     |
| 67           | 107             | 20.57        | 4290       | 1.85       |                      | 37                                                                                  | 4                    | 20         |    |     |
| 72           | 100             | 19.27        | 4240       | 2.0        |                      | 37                                                                                  | 4                    | 22         |    |     |
| 81           | 88              | 17.03        | 4130       | 2.3        |                      | 37                                                                                  | 4                    | 21         |    |     |
| 0.75         | 96              | 74           | 14.33      | 3970       | 2.7                  | FA<br>FAF<br>F<br>FF                                                                | 37                   | 4          | 23 |     |
|              | 107             | 67           | 12.87      | 3870       | 3.0                  |                                                                                     | 37                   | 4          | 20 |     |
|              | 125             | 58           | 11.08      | 3730       | 3.3                  |                                                                                     | 37                   | 4          | 22 |     |
|              | 132             | 54           | 10.42      | 3680       | 3.4                  |                                                                                     | 37                   | 4          | 21 |     |
|              | 154             | 47           | 8.97       | 3540       | 3.8                  | FA<br>FAF<br>F<br>FF                                                                | 37                   | 4          | 23 |     |
|              | 205             | 35           | 6.74       | 3250       | 4.0                  |                                                                                     | 37                   | 4          | 20 |     |
|              | 228             | 31           | 6.05       | 3150       | 4.3                  |                                                                                     | 37                   | 4          | 22 |     |
|              | 265             | 27           | 5.21       | 3030       | 4.6                  |                                                                                     | 37                   | 4          | 21 |     |
|              | 282             | 25           | 4.90       | 2970       | 4.7                  | FA<br>FAF<br>F<br>FF                                                                | 37                   | 4          | 23 |     |
|              | 327             | 22           | 4.22       | 2850       | 5.0                  |                                                                                     | 37                   | 4          | 20 |     |
|              | 366             | 20           | 3.77       | 2760       | 5.4                  |                                                                                     | 37                   | 4          | 22 |     |
|              | 366             | 20           | 3.77       | 2760       | 5.4                  |                                                                                     | 37                   | 4          | 21 |     |
| 1.1          | 0.50            | 18200        | 2780       | 99800      | 1.00                 | FA<br>FAF<br>F<br>FF                                                                | 157                  | R97        | 4  | 770 |
|              | 0.58            | 16000        | 2427       | 105800     | 1.15                 |                                                                                     | 157                  | R97        | 4  | 830 |
|              | 0.64            | 14300        | 2185       | 109700     | 1.25                 |                                                                                     | 157                  | R97        | 4  | 790 |
|              | 0.72            | 12700        | 1944       | 112900     | 1.40                 |                                                                                     | 157                  | R97        | 4  | 900 |
|              | 0.84            | 11200        | 1674       | 115500     | 1.60                 | FA<br>FAF<br>F<br>FF                                                                | 157                  | R97        | 4  | 770 |
|              | 1.1             | 8640         | 1308       | 119000     | 2.1                  |                                                                                     | 157                  | R97        | 4  | 830 |
|              | 1.2             | 7680         | 1169       | 120000     | 2.3                  |                                                                                     | 157                  | R97        | 4  | 790 |
|              | 1.5             | 6190         | 953        | 120000     | 2.9                  |                                                                                     | 157                  | R97        | 4  | 900 |
|              | 1.7             | 5450         | 845        | 120000     | 3.3                  | FA<br>FAF<br>F<br>FF                                                                | 157                  | R97        | 4  | 770 |
|              | 3.1             | 2880         | 446        | 120000     | 6.2                  |                                                                                     | 157                  | R97        | 4  | 830 |
|              | 4.6             | 1950         | 302        | 120000     | 9.2                  |                                                                                     | 157                  | R97        | 4  | 790 |
|              | 4.6             | 1950         | 302        | 120000     | 9.2                  |                                                                                     | 157                  | R97        | 4  | 900 |



F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 1.1          | 0.69            | 13800        | 2038       | 87000      | 0.85         |                                                                                     |           |            |
|              | 0.79            | 12000        | 1784       | 90000      | 1.00         | FA                                                                                  | 127 R77   | 435        |
|              | 0.87            | 10800        | 1606       | 90000      | 1.10         | FAF                                                                                 | 127 R77   | 470        |
|              | 1.0             | 9350         | 1390       | 90000      | 1.30         | F                                                                                   | 127 R77   | 470        |
|              | 1.1             | 8170         | 1220       | 90000      | 1.45         | FF                                                                                  | 127 R77   | 520        |
|              | 1.3             | 7260         | 1077       | 90000      | 1.65         |                                                                                     |           |            |
|              | 1.1             | 8360         | 1243       | 48000      | 0.90         |                                                                                     |           |            |
|              | 1.3             | 7370         | 1087       | 50600      | 1.05         | FA                                                                                  | 107 R77   | 285        |
|              | 1.5             | 6390         | 950        | 53100      | 1.20         | FAF                                                                                 | 107 R77   | 305        |
|              | 1.7             | 5590         | 834        | 55000      | 1.35         | F                                                                                   | 107 R77   | 300        |
|              | 1.9             | 4910         | 736        | 56500      | 1.55         | FF                                                                                  | 107 R77   | 330        |
|              | 2.2             | 4310         | 640        | 57800      | 1.80         |                                                                                     |           |            |
|              | 2.0             | 4670         | 690        | 27800      | 0.90         |                                                                                     |           |            |
|              | 2.3             | 4100         | 605        | 30500      | 1.05         | FA                                                                                  | 97 R57    | 195        |
|              | 2.7             | 3580         | 529        | 31900      | 1.20         | FAF                                                                                 | 97 R57    | 215        |
|              | 3.0             | 3160         | 467        | 32900      | 1.35         | F                                                                                   | 97 R57    | 200        |
|              | 3.5             | 2730         | 406        | 33900      | 1.55         | FF                                                                                  | 97 R57    | 235        |
|              | 3.8             | 2450         | 363        | 34500      | 1.75         |                                                                                     |           |            |
|              | 3.1             | 3070         | 452        | 16900      | 1.00         | FA                                                                                  | 87 R57    | 125        |
|              | 4.1             | 2330         | 345        | 25400      | 1.30         | FAF                                                                                 | 87 R57    | 140        |
|              | 4.7             | 2020         | 300        | 26400      | 1.50         | F                                                                                   | 87 R57    | 135        |
|              | 5.6             | 1670         | 249        | 27400      | 1.80         | FF                                                                                  | 87 R57    | 150        |
|              | 2.7             | 3930         | 254.40     | 58600      | 1.95         | FA                                                                                  | 107       | 260        |
|              | 3.2             | 3330         | 215.37     | 59800      | 2.3          | FAF                                                                                 | 107       | 280        |
|              | 3.4             | 3080         | 199.31     | 60200      | 2.5          | F                                                                                   | 107       | 275        |
|              | 3.8             | 2760         | 178.64     | 60800      | 2.8          | FF                                                                                  | 107       | 300        |
|              | 3.3             | 3160         | 276.77     | 32900      | 1.35         | FA                                                                                  | 97        | 170        |
|              | 3.6             | 2890         | 253.41     | 33600      | 1.50         | FAF                                                                                 | 97        | 190        |
|              | 4.1             | 2560         | 223.88     | 34300      | 1.70         | F                                                                                   | 97        | 175        |
|              | 4.8             | 2170         | 189.92     | 35100      | 2.0          | FF                                                                                  | 97        | 210        |
|              | 5.3             | 2000         | 174.87     | 35400      | 2.2          |                                                                                     |           |            |
|              | 5.1             | 2080         | 276.77     | 35200      | 2.1          | FA                                                                                  | 97        | 170        |
|              | 5.5             | 1900         | 253.41     | 35600      | 2.3          | FAF                                                                                 | 97        | 190        |
|              | 6.2             | 1680         | 223.88     | 36000      | 2.6          | F                                                                                   | 97        | 175        |
|              |                 |              |            |            |              | FF                                                                                  | 97        | 210        |
|              | 3.4             | 3090         | 270.68     | 16000      | 0.95         |                                                                                     |           |            |
|              | 3.6             | 2920         | 255.37     | 22700      | 1.05         | FA                                                                                  | 87        | 105        |
|              | 4.0             | 2610         | 228.93     | 24400      | 1.15         | FAF                                                                                 | 87        | 120        |
|              | 4.7             | 2250         | 197.20     | 25700      | 1.35         | F                                                                                   | 87        | 110        |
|              | 5.1             | 2050         | 179.97     | 26300      | 1.45         | FF                                                                                  | 87        | 125        |
|              | 5.8             | 1820         | 159.61     | 27000      | 1.65         |                                                                                     |           |            |
|              | 5.2             | 2030         | 270.68     | 26300      | 1.50         | FA                                                                                  | 87        | 105        |
|              | 5.5             | 1920         | 255.37     | 26700      | 1.55         | FAF                                                                                 | 87        | 120        |
|              | 6.1             | 1720         | 228.93     | 27200      | 1.75         | F                                                                                   | 87        | 110        |
|              | 7.1             | 1480         | 197.20     | 27900      | 2.0          | FF                                                                                  | 87        | 125        |
|              | 7.8             | 1350         | 179.97     | 28200      | 2.2          | FA                                                                                  | 87        | 105        |
|              | 8.8             | 1200         | 159.61     | 28500      | 2.5          | FAF                                                                                 | 87        | 120        |
|              | 10              | 1010         | 134.16     | 29000      | 3.0          | F                                                                                   | 87        | 110        |
|              | 11              | 930          | 123.29     | 29100      | 3.2          | FF                                                                                  | 87        | 125        |
|              | 7.1             | 1490         | 198.31     | 15800      | 1.00         | FA                                                                                  | 77        | 66         |
|              | 7.4             | 1410         | 188.40     | 16300      | 1.05         | FAF                                                                                 | 77        | 73         |
|              | 8.4             | 1250         | 166.47     | 17200      | 1.20         | F                                                                                   | 77        | 70         |
|              | 9.8             | 1070         | 142.27     | 18000      | 1.40         | FF                                                                                  | 77        | 81         |
|              | 11              | 980          | 130.42     | 18400      | 1.55         |                                                                                     |           |            |
|              | 12              | 860          | 114.45     | 18800      | 1.75         | FA                                                                                  | 77        | 66         |
|              | 13              | 810          | 108.46     | 18900      | 1.85         | FAF                                                                                 | 77        | 73         |
|              | 15              | 710          | 94.93      | 19200      | 2.1          | F                                                                                   | 77        | 70         |
|              | 16              | 640          | 85.52      | 19400      | 2.3          | FF                                                                                  | 77        | 81         |
|              | 19              | 565          | 75.02      | 19600      | 2.7          |                                                                                     |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 1.1          | 12              | 910          | 120.79     | 9460       | 0.90         |                                                                                     |           |            |
|              | 13              | 820          | 109.04     | 10300      | 1.00         |                                                                                     |           |            |
|              | 15              | 720          | 95.94      | 11100      | 1.15         |                                                                                     |           |            |
|              | 15              | 680          | 90.59      | 11400      | 1.20         |                                                                                     |           |            |
|              | 18              | 600          | 79.76      | 11900      | 1.35         | FA 67                                                                               | 4         | 42         |
|              | 21              | 510          | 67.65      | 12400      | 1.60         | FAF 67                                                                              | 4         | 49         |
|              | 23              | 460          | 61.07      | 12600      | 1.80         | F 67                                                                                | 4         | 45         |
|              | 26              | 405          | 53.73      | 12800      | 2.0          | FF 67                                                                               | 4         | 51         |
|              | 28              | 380          | 50.74      | 12900      | 2.2          |                                                                                     |           |            |
|              | 32              | 325          | 43.20      | 13000      | 2.5          |                                                                                     |           |            |
|              | 36              | 295          | 39.26      | 13000      | 2.7          |                                                                                     |           |            |
|              | 41              | 255          | 34.01      | 13000      | 2.9          |                                                                                     |           |            |
|              | 17              | 625          | 83.46      | 8470       | 0.95         |                                                                                     |           |            |
|              | 19              | 550          | 72.98      | 9590       | 1.10         |                                                                                     |           |            |
|              | 21              | 510          | 68.22      | 9840       | 1.15         | FA 57                                                                               | 4         | 38         |
|              | 24              | 440          | 58.97      | 10300      | 1.35         | FAF 57                                                                              | 4         | 44         |
|              | 28              | 375          | 50.10      | 10700      | 1.60         | F 57                                                                                | 4         | 39         |
|              | 31              | 335          | 44.73      | 10700      | 1.80         | FF 57                                                                               | 4         | 45         |
|              | 37              | 285          | 38.21      | 10400      | 2.1          |                                                                                     |           |            |
|              | 39              | 270          | 35.79      | 10200      | 2.2          |                                                                                     |           |            |
|              | 46              | 225          | 30.15      | 9810       | 2.6          |                                                                                     |           |            |
|              | 25              | 425          | 56.49      | 3730       | 0.95         | FA 47                                                                               | 4         | 31         |
|              | 29              | 360          | 48.00      | 6440       | 1.10         | FAF 47                                                                              | 4         | 33         |
|              |                 |              |            |            |              | F 47                                                                                | 4         | 32         |
|              |                 |              |            |            |              | FF 47                                                                               | 4         | 35         |
|              | 33              | 320          | 42.86      | 6860       | 1.25         | FA 47                                                                               | 4         | 31         |
|              | 38              | 275          | 36.61      | 7280       | 1.45         | FAF 47                                                                              | 4         | 33         |
|              | 41              | 255          | 34.29      | 7260       | 1.55         | F 47                                                                                | 4         | 32         |
|              | 48              | 215          | 28.88      | 7040       | 1.85         | FF 47                                                                               | 4         | 35         |
|              | 45              | 230          | 30.86      | 7130       | 1.75         | FA 47                                                                               | 4         | 30         |
|              | 48              | 220          | 29.32      | 7060       | 1.80         | FAF 47                                                                              | 4         | 33         |
|              | 54              | 193          | 25.72      | 6880       | 2.1          | F 47                                                                                | 4         | 31         |
|              | 64              | 164          | 21.82      | 6640       | 2.4          | FF 47                                                                               | 4         | 34         |
|              | 71              | 148          | 19.70      | 6490       | 2.7          |                                                                                     |           |            |
|              | 44              | 240          | 31.69      | 3660       | 0.85         | FA 37                                                                               | 4         | 26         |
|              | 50              | 210          | 28.09      | 3970       | 0.95         | FAF 37                                                                              | 4         | 27         |
|              | 59              | 179          | 23.88      | 3930       | 1.10         | F 37                                                                                | 4         | 26         |
|              |                 |              |            |            |              | FF 37                                                                               | 4         | 28         |
|              | 68              | 154          | 20.57      | 3870       | 1.30         |                                                                                     |           |            |
|              | 73              | 145          | 19.27      | 3840       | 1.40         |                                                                                     |           |            |
|              | 82              | 128          | 17.03      | 3780       | 1.55         |                                                                                     |           |            |
|              | 98              | 108          | 14.33      | 3680       | 1.85         |                                                                                     |           |            |
|              | 109             | 97           | 12.87      | 3610       | 2.1          |                                                                                     |           |            |
|              | 126             | 83           | 11.08      | 3500       | 2.3          | FA 37                                                                               | 4         | 26         |
|              | 134             | 78           | 10.42      | 3460       | 2.4          | FAF 37                                                                              | 4         | 27         |
|              | 156             | 67           | 8.97       | 3350       | 2.6          | F 37                                                                                | 4         | 26         |
|              | 175             | 60           | 8.01       | 3260       | 2.8          | FF 37                                                                               | 4         | 28         |
|              | 208             | 51           | 6.74       | 3090       | 2.8          |                                                                                     |           |            |
|              | 231             | 45           | 6.05       | 3010       | 3.0          |                                                                                     |           |            |
|              | 269             | 39           | 5.21       | 2900       | 3.2          |                                                                                     |           |            |
|              | 286             | 37           | 4.90       | 2860       | 3.3          |                                                                                     |           |            |
|              | 332             | 32           | 4.22       | 2750       | 3.5          |                                                                                     |           |            |
|              | 372             | 28           | 3.77       | 2670       | 3.7          |                                                                                     |           |            |
| 1.5          | 0.58            | 21900        | 2427       | 86400      | 0.80         |                                                                                     |           |            |
|              | 0.65            | 19700        | 2185       | 95000      | 0.90         |                                                                                     |           |            |
|              | 0.73            | 17500        | 1944       | 101700     | 1.05         |                                                                                     |           |            |
|              | 0.84            | 15300        | 1674       | 107400     | 1.20         | FA 157                                                                              | R97 4     | 770        |
|              | 1.1             | 11900        | 1308       | 114400     | 1.50         | FAF 157                                                                             | R97 4     | 830        |
|              | 1.2             | 10600        | 1169       | 116400     | 1.70         | F 157                                                                               | R97 4     | 790        |
|              | 1.5             | 8540         | 953        | 119100     | 2.1          | FF 157                                                                              | R97 4     | 900        |
|              | 1.7             | 7530         | 845        | 120000     | 2.4          |                                                                                     |           |            |
|              | 3.2             | 3980         | 446        | 120000     | 4.5          |                                                                                     |           |            |
|              | 4.7             | 2690         | 302        | 120000     | 6.7          |                                                                                     |           |            |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 1.5          | 0.88            | 14800        | 1606       | 85000      | 0.80         |                                                                                     |           |            |
|              | 1.0             | 12800        | 1390       | 89000      | 0.95         |                                                                                     |           |            |
|              | 1.2             | 11200        | 1220       | 90000      | 1.05         | FA 127                                                                              | R77 4     | 435        |
|              | 1.3             | 9910         | 1077       | 90000      | 1.20         | FAF 127                                                                             | R77 4     | 475        |
|              | 1.5             | 8520         | 930        | 90000      | 1.40         | F 127                                                                               | R77 4     | 470        |
|              | 1.7             | 7500         | 820        | 90000      | 1.60         | FF 127                                                                              | R77 4     | 520        |
|              | 1.9             | 6630         | 727        | 90000      | 1.80         |                                                                                     |           |            |
|              | 2.2             | 5960         | 648        | 90000      | 2.0          |                                                                                     |           |            |
|              | 1.5             | 8730         | 950        | 46900      | 0.90         |                                                                                     |           |            |
|              | 1.7             | 7640         | 834        | 49900      | 1.00         |                                                                                     |           |            |
|              | 1.9             | 6730         | 736        | 52300      | 1.15         | FA 107                                                                              | R77 4     | 285        |
|              | 2.2             | 5890         | 640        | 54300      | 1.30         | FAF 107                                                                             | R77 4     | 305        |
|              | 2.5             | 5110         | 560        | 56100      | 1.50         | F 107                                                                               | R77 4     | 300        |
|              | 2.9             | 4460         | 489        | 57500      | 1.70         | FF 107                                                                              | R77 4     | 330        |
|              | 3.2             | 4010         | 436        | 58400      | 1.90         |                                                                                     |           |            |
|              | 3.8             | 3400         | 370        | 59600      | 2.3          |                                                                                     |           |            |
|              | 2.7             | 4880         | 529        | 19800      | 0.90         | FA 97                                                                               | R57 4     | 195        |
|              | 3.0             | 4310         | 467        | 29900      | 1.00         | FAF 97                                                                              | R57 4     | 215        |
|              | 3.5             | 3730         | 406        | 31500      | 1.15         | F 97                                                                                | R57 4     | 200        |
|              | 3.9             | 3340         | 363        | 32500      | 1.30         | FF 97                                                                               | R57 4     | 235        |
|              | 4.1             | 3180         | 345        | 11100      | 0.95         | FA 87                                                                               | R57 4     | 130        |
|              | 4.7             | 2760         | 300        | 23900      | 1.10         | FAF 87                                                                              | R57 4     | 140        |
|              | 5.7             | 2290         | 249        | 25500      | 1.30         | F 87                                                                                | R57 4     | 135        |
|              |                 |              |            |            |              | FF 87                                                                               | R57 4     | 150        |
|              | 2.8             | 5210         | 254.40     | 55900      | 1.50         | FA 107                                                                              | 8         | 256        |
|              | 3.2             | 4410         | 215.37     | 57600      | 1.75         | FAF 107                                                                             | 8         | 285        |
|              | 3.5             | 4080         | 199.31     | 58300      | 1.90         | F 107                                                                               | 8         | 280        |
|              | 3.9             | 3660         | 178.64     | 59100      | 2.1          | FF 107                                                                              | 8         | 305        |
|              | 3.6             | 3960         | 254.40     | 58500      | 1.95         | FA 107                                                                              | 6         | 255        |
|              | 4.3             | 3350         | 215.37     | 59700      | 2.3          | FAF 107                                                                             | 6         | 275        |
|              | 4.6             | 3100         | 199.31     | 60200      | 2.5          | F 107                                                                               | 6         | 270        |
|              | 5.2             | 2780         | 178.64     | 60800      | 2.8          | FF 107                                                                              | 6         | 300        |
|              | 3.3             | 4310         | 276.77     | 29900      | 1.00         | FA 97                                                                               | 6         | 180        |
|              | 3.6             | 3950         | 253.41     | 30900      | 1.10         | FAF 97                                                                              | 6         | 200        |
|              | 4.1             | 3490         | 223.88     | 32100      | 1.25         | F 97                                                                                | 6         | 185        |
|              | 4.8             | 2960         | 189.92     | 33400      | 1.45         | FF 97                                                                               | 6         | 220        |
|              | 5.3             | 2720         | 174.87     | 33900      | 1.60         |                                                                                     |           |            |
|              | 5.1             | 2810         | 276.77     | 33700      | 1.55         | FA 97                                                                               | 4         | 170        |
|              | 5.6             | 2570         | 253.41     | 34300      | 1.65         | FAF 97                                                                              | 4         | 190        |
|              | 6.3             | 2270         | 223.88     | 34900      | 1.90         | F 97                                                                                | 4         | 175        |
|              | 7.4             | 1930         | 189.92     | 35500      | 2.2          | FF 97                                                                               | 4         | 210        |
|              | 8.1             | 1780         | 174.87     | 35800      | 2.4          |                                                                                     |           |            |
|              | 5.2             | 2750         | 270.68     | 23900      | 1.10         | FA 87                                                                               | 4         | 105        |
|              | 5.5             | 2590         | 255.37     | 24500      | 1.15         | FAF 87                                                                              | 4         | 120        |
|              | 6.2             | 2330         | 228.93     | 25400      | 1.30         | F 87                                                                                | 4         | 110        |
|              | 7.2             | 2000         | 197.20     | 26400      | 1.50         | FF 87                                                                               | 4         | 125        |
|              | 7.8             | 1830         | 179.97     | 26900      | 1.65         | FA 87                                                                               | 4         | 105        |
|              | 8.8             | 1620         | 159.61     | 27500      | 1.85         | FAF 87                                                                              | 4         | 120        |
|              | 11              | 1360         | 134.16     | 28200      | 2.2          | F 87                                                                                | 4         | 110        |
|              | 13              | 1110         | 109.49     | 28700      | 2.7          | FF 87                                                                               | 4         | 125        |
|              | 14              | 990          | 97.89      | 29000      | 3.0          |                                                                                     |           |            |
|              | 8.5             | 1690         | 166.47     | 14300      | 0.90         | FA 77                                                                               | 4         | 67         |
|              | 9.9             | 1450         | 142.27     | 16100      | 1.05         | FAF 77                                                                              | 4         | 74         |
|              | 11              | 1320         | 130.42     | 16800      | 1.15         | F 77                                                                                | 4         | 71         |
|              | 12              | 1160         | 114.45     | 17600      | 1.30         | FF 77                                                                               | 4         | 82         |
|              | 13              | 1100         | 108.46     | 17900      | 1.35         |                                                                                     |           |            |
|              | 15              | 960          | 94.93      | 18400      | 1.55         |                                                                                     |           |            |
|              | 16              | 870          | 85.52      | 18800      | 1.75         |                                                                                     |           |            |
|              | 19              | 760          | 75.02      | 19100      | 1.95         | FA 77                                                                               | 4         | 67         |
|              | 19              | 735          | 72.50      | 19200      | 2.0          | FAF 77                                                                              | 4         | 74         |
|              | 21              | 675          | 66.46      | 19300      | 2.2          | F 77                                                                                | 4         | 71         |
|              | 24              | 595          | 58.32      | 19500      | 2.5          | FF 77                                                                               | 4         | 82         |
|              | 26              | 560          | 55.27      | 19600      | 2.7          |                                                                                     |           |            |
|              | 29              | 490          | 48.37      | 19700      | 3.0          |                                                                                     |           |            |
|              | 32              | 445          | 43.58      | 19800      | 3.4          |                                                                                     |           |            |
|              | 37              | 390          | 38.23      | 19900      | 3.9          |                                                                                     |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |       |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|-------|
| 1.5          |                 |              |            |            |              | FA                                                                                  | 77        | 4          | 66    |
|              | 39              | 370          | 36.58      | 19900      | 3.0          | FAF                                                                                 | 77        | 4          | 72    |
|              | 45              | 320          | 31.51      | 20000      | 4.3          | F                                                                                   | 77        | 4          | 70    |
|              |                 |              |            |            |              | FF                                                                                  | 77        | 4          | 80    |
| 1.5          | 16              | 920          | 90.59      | 9300       | 0.90         |                                                                                     |           |            |       |
|              | 18              | 810          | 79.76      | 10400      | 1.00         |                                                                                     |           |            |       |
|              | 21              | 685          | 67.65      | 11400      | 1.20         | FA                                                                                  | 67        | 4          | 44    |
|              | 23              | 620          | 61.07      | 11800      | 1.30         | FAF                                                                                 | 67        | 4          | 51    |
|              | 26              | 545          | 53.73      | 12200      | 1.50         | F                                                                                   | 67        | 4          | 47    |
|              | 28              | 515          | 50.74      | 12300      | 1.60         | FF                                                                                  | 67        | 4          | 53    |
|              | 33              | 440          | 43.20      | 12700      | 1.85         |                                                                                     |           |            |       |
|              | 36              | 400          | 39.26      | 12800      | 1.95         |                                                                                     |           |            |       |
|              | 39              | 370          | 36.30      | 12900      | 2.2          | FA                                                                                  | 67        | 4          | 43    |
|              | 44              | 325          | 32.08      | 13000      | 2.5          | FAF                                                                                 | 67        | 4          | 49    |
|              | 51              | 280          | 27.41      | 13000      | 2.9          | F                                                                                   | 67        | 4          | 46    |
|              | 56              | 255          | 25.13      | 13000      | 3.2          | FF                                                                                  | 67        | 4          | 52    |
|              | 24              | 600          | 58.97      | 9210       | 1.00         | FA                                                                                  | 57        | 4          | 40    |
|              | 28              | 510          | 50.10      | 9860       | 1.20         | FAF                                                                                 | 57        | 4          | 46    |
| 32           | 455             | 44.73        | 9990       | 1.30       | F            | 57                                                                                  | 4         | 41         |       |
| 37           | 390             | 38.21        | 9740       | 1.55       | FF           | 57                                                                                  | 4         | 47         |       |
| 39           | 365             | 35.79        | 9620       | 1.65       |              |                                                                                     |           |            |       |
| 47           | 305             | 30.15        | 9310       | 1.95       |              |                                                                                     |           |            |       |
| 1.5          | 33              | 435          | 42.86      | 575        | 0.90         | FA                                                                                  | 47        | 4          | 32    |
|              | 39              | 370          | 36.61      | 6300       | 1.10         | FAF                                                                                 | 47        | 4          | 35    |
|              | 41              | 350          | 34.29      | 6580       | 1.15         | F                                                                                   | 47        | 4          | 33    |
|              | 49              | 295          | 28.88      | 6500       | 1.35         | FF                                                                                  | 47        | 4          | 36    |
| 1.5          | 46              | 315          | 30.86      | 6550       | 1.30         |                                                                                     |           |            |       |
|              | 48              | 300          | 29.32      | 6510       | 1.35         |                                                                                     |           |            |       |
|              | 55              | 260          | 25.72      | 6390       | 1.55         | FA                                                                                  | 47        | 4          | 31    |
|              | 65              | 220          | 21.82      | 6230       | 1.80         | FAF                                                                                 | 47        | 4          | 34    |
|              | 72              | 200          | 19.70      | 6110       | 2.0          | F                                                                                   | 47        | 4          | 32    |
|              | 81              | 176          | 17.33      | 5970       | 2.3          | FF                                                                                  | 47        | 4          | 35    |
|              | 86              | 166          | 16.36      | 5900       | 2.4          |                                                                                     |           |            |       |
|              | 101             | 142          | 13.93      | 5700       | 2.8          |                                                                                     |           |            |       |
|              | 69              | 210          | 20.57      | 3410       | 0.95         |                                                                                     |           |            |       |
|              | 73              | 196          | 19.27      | 3410       | 1.00         |                                                                                     |           |            |       |
| 1.5          | 83              | 173          | 17.03      | 3400       | 1.15         |                                                                                     |           |            |       |
|              | 98              | 146          | 14.33      | 3350       | 1.35         |                                                                                     |           |            |       |
|              | 110             | 131          | 12.87      | 3310       | 1.55         |                                                                                     |           |            |       |
|              | 127             | 113          | 11.08      | 3250       | 1.70         |                                                                                     |           |            |       |
|              | 135             | 106          | 10.42      | 3220       | 1.75         | FA                                                                                  | 37        | 4          | 27    |
|              | 157             | 91           | 8.97       | 3140       | 1.90         | FAF                                                                                 | 37        | 4          | 29    |
|              | 176             | 81           | 8.01       | 3080       | 2.1          | F                                                                                   | 37        | 4          | 28    |
|              | 209             | 69           | 6.74       | 2920       | 2.0          | FF                                                                                  | 37        | 4          | 29    |
|              | 233             | 62           | 6.05       | 2850       | 2.2          |                                                                                     |           |            |       |
|              | 271             | 53           | 5.21       | 2770       | 2.4          |                                                                                     |           |            |       |
|              | 288             | 50           | 4.90       | 2730       | 2.4          |                                                                                     |           |            |       |
|              | 334             | 43           | 4.22       | 2640       | 2.6          |                                                                                     |           |            |       |
|              | 374             | 38           | 3.77       | 2570       | 2.7          |                                                                                     |           |            |       |
|              | 2.2             | 0.98         | 18900      | 1441       | 97500        | 0.95                                                                                | FA        | 157        | R97 4 |
|              |                 |              |            |            |              | FAF                                                                                 | 157       | R97 4      | 840   |
|              |                 |              |            |            |              | F                                                                                   | 157       | R97 4      | 800   |
|              |                 |              |            |            |              | FF                                                                                  | 157       | R97 4      | 910   |
| 2.2          | 1.1             | 17600        | 1308       | 101400     | 1.00         |                                                                                     |           |            |       |
|              | 1.2             | 15700        | 1169       | 106500     | 1.15         |                                                                                     |           |            |       |
|              | 1.5             | 12700        | 953        | 112800     | 1.40         |                                                                                     |           |            |       |
|              | 1.7             | 11200        | 845        | 115400     | 1.60         |                                                                                     |           |            |       |
|              | 1.9             | 10100        | 764        | 117100     | 1.80         | FA                                                                                  | 157       | R97 4      | 780   |
|              | 2.1             | 9020         | 680        | 118600     | 2.0          | FAF                                                                                 | 157       | R97 4      | 840   |
|              | 2.5             | 7610         | 576        | 120000     | 2.4          | F                                                                                   | 157       | R97 4      | 800   |
|              | 3.2             | 5940         | 446        | 120000     | 3.0          | FF                                                                                  | 157       | R97 4      | 910   |
|              | 4.7             | 4020         | 302        | 120000     | 4.5          |                                                                                     |           |            |       |
|              | 5.2             | 3630         | 273        | 120000     | 5.0          |                                                                                     |           |            |       |
|              | 6.1             | 3060         | 232        | 120000     | 5.9          |                                                                                     |           |            |       |
|              | 7.2             | 2590         | 197        | 120000     | 6.9          |                                                                                     |           |            |       |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 2.2          | 1.3             | 14600        | 1077       | 85300      | 0.80         |                                                                                     |           |            |
|              | 1.5             | 12600        | 930        | 89300      | 0.95         |                                                                                     |           |            |
|              | 1.7             | 11100        | 820        | 90000      | 1.10         | FA                                                                                  | 127       | R77 4 445  |
|              | 1.9             | 9830         | 727        | 90000      | 1.20         | FAF                                                                                 | 127       | R77 4 480  |
|              | 2.2             | 8810         | 648        | 90000      | 1.35         | F                                                                                   | 127       | R77 4 480  |
|              | 2.6             | 7460         | 549        | 90000      | 1.60         | FF                                                                                  | 127       | R77 4 520  |
|              | 2.8             | 6720         | 495        | 90000      | 1.80         |                                                                                     |           |            |
|              | 3.3             | 5810         | 428        | 90000      | 2.1          |                                                                                     |           |            |
|              | 2.2             | 8700         | 640        | 47000      | 0.90         |                                                                                     |           |            |
|              | 2.5             | 7580         | 560        | 50100      | 1.00         | FA                                                                                  | 107       | R77 4 290  |
|              | 2.9             | 6610         | 489        | 52500      | 1.15         | FAF                                                                                 | 107       | R77 4 315  |
|              | 3.2             | 5930         | 436        | 54200      | 1.30         | F                                                                                   | 107       | R77 4 310  |
|              | 3.8             | 5030         | 370        | 56300      | 1.55         | FF                                                                                  | 107       | R77 4 335  |
|              | 4.2             | 4520         | 333        | 57300      | 1.70         |                                                                                     |           |            |
|              | 3.9             | 4940         | 363        | 16500      | 0.85         | FA                                                                                  | 97        | R57 4 200  |
|              | 4.9             | 3890         | 285        | 31100      | 1.10         | FAF                                                                                 | 97        | R57 4 225  |
|              | 5.8             | 3340         | 245        | 32500      | 1.30         | F                                                                                   | 97        | R57 4 210  |
|              |                 |              |            |            |              | FF                                                                                  | 97        | R57 4 240  |
|              | 2.8             | 7640         | 254.40     | 49900      | 1.00         | FA                                                                                  | 107       | 8 270      |
|              | 3.2             | 6460         | 215.37     | 52900      | 1.20         | FAF                                                                                 | 107       | 8 290      |
|              | 3.5             | 5980         | 199.31     | 54100      | 1.30         | F                                                                                   | 107       | 8 285      |
|              | 3.9             | 5360         | 178.64     | 55500      | 1.45         | FF                                                                                  | 107       | 8 315      |
|              | 3.7             | 5690         | 254.40     | 54800      | 1.35         | FA                                                                                  | 107       | 6 265      |
|              | 4.4             | 4810         | 215.37     | 56700      | 1.60         | FAF                                                                                 | 107       | 6 285      |
|              | 4.7             | 4450         | 199.31     | 57500      | 1.70         | F                                                                                   | 107       | 6 280      |
|              | 5.3             | 3990         | 178.64     | 58400      | 1.90         | FF                                                                                  | 107       | 6 305      |
|              | 5.5             | 3790         | 254.40     | 58900      | 2.0          | FA                                                                                  | 107       | 4 255      |
|              | 6.6             | 3210         | 215.37     | 60000      | 2.4          | FAF                                                                                 | 107       | 4 275      |
|              | 7.1             | 2970         | 199.31     | 60400      | 2.6          | F                                                                                   | 107       | 4 270      |
|              | 7.9             | 2660         | 178.64     | 61000      | 2.9          | FF                                                                                  | 107       | 4 300      |
|              | 4.2             | 5000         | 223.88     | 12400      | 0.85         | FA                                                                                  | 97        | 6 190      |
|              | 4.9             | 4240         | 189.92     | 30100      | 1.00         | FAF                                                                                 | 97        | 6 210      |
|              | 5.4             | 3910         | 174.87     | 31000      | 1.10         | F                                                                                   | 97        | 6 195      |
|              | 6.0             | 3490         | 156.30     | 32100      | 1.25         | FF                                                                                  | 97        | 6 230      |
|              | 5.1             | 4120         | 276.77     | 30400      | 1.05         |                                                                                     |           |            |
|              | 5.6             | 3780         | 253.41     | 31400      | 1.15         |                                                                                     |           |            |
|              | 6.3             | 3340         | 223.88     | 32500      | 1.30         | FA                                                                                  | 97        | 4 180      |
|              | 7.4             | 2830         | 189.92     | 33700      | 1.50         | FAF                                                                                 | 97        | 4 200      |
|              | 8.1             | 2610         | 174.87     | 34200      | 1.65         | F                                                                                   | 97        | 4 185      |
|              | 9.0             | 2330         | 156.30     | 34800      | 1.85         | FF                                                                                  | 97        | 4 220      |
|              | 10              | 2100         | 140.71     | 35200      | 2.0          |                                                                                     |           |            |
|              | 11              | 1900         | 127.42     | 35600      | 2.3          |                                                                                     |           |            |
|              | 7.2             | 2940         | 197.20     | 22000      | 1.00         | FA                                                                                  | 87        | 4 115      |
|              | 7.8             | 2680         | 179.97     | 24200      | 1.10         | FAF                                                                                 | 87        | 4 125      |
|              | 8.8             | 2380         | 159.61     | 25200      | 1.25         | F                                                                                   | 87        | 4 120      |
|              | 11              | 2000         | 134.16     | 26400      | 1.50         | FF                                                                                  | 87        | 4 135      |
|              | 11              | 1840         | 123.29     | 26900      | 1.65         |                                                                                     |           |            |
|              | 13              | 1630         | 109.49     | 27500      | 1.85         |                                                                                     |           |            |
|              | 14              | 1460         | 97.89      | 27900      | 2.1          |                                                                                     |           |            |
|              | 16              | 1310         | 88.01      | 28300      | 2.3          | FA                                                                                  | 87        | 4 115      |
|              | 18              | 1140         | 76.39      | 27800      | 2.6          | FAF                                                                                 | 87        | 4 125      |
|              | 21              | 1020         | 68.40      | 27100      | 2.9          | F                                                                                   | 87        | 4 120      |
|              | 25              | 850          | 56.75      | 25900      | 3.5          | FF                                                                                  | 87        | 4 135      |
|              | 28              | 750          | 50.36      | 25200      | 3.9          |                                                                                     |           |            |
|              | 31              | 675          | 45.28      | 24500      | 4.2          |                                                                                     |           |            |
|              | 12              | 1710         | 114.45     | 14200      | 0.90         | FA                                                                                  | 77        | 4 74       |
|              | 13              | 1620         | 108.46     | 14900      | 0.95         | FAF                                                                                 | 77        | 4 81       |
|              | 15              | 1410         | 94.93      | 16300      | 1.05         | F                                                                                   | 77        | 4 78       |
|              | 16              | 1270         | 85.52      | 17100      | 1.20         | FF                                                                                  | 77        | 4 89       |
|              | 19              | 1120         | 75.02      | 17800      | 1.35         |                                                                                     |           |            |
|              | 21              | 990          | 66.46      | 18300      | 1.50         | FA                                                                                  | 77        | 4 74       |
|              | 24              | 870          | 58.32      | 18800      | 1.75         | FAF                                                                                 | 77        | 4 81       |
|              | 26              | 820          | 55.27      | 18900      | 1.80         | F                                                                                   | 77        | 4 78       |
|              | 29              | 720          | 48.37      | 19200      | 2.1          | FF                                                                                  | 77        | 4 89       |
|              | 32              | 650          | 43.58      | 19400      | 2.3          |                                                                                     |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 2.2          | 39              | 545          | 36.58      | 19600      | 2.0          | FA 77                                                                               | 4         | 73         |
|              | 45              | 470          | 31.51      | 19700      | 2.9          | FAF 77                                                                              | 4         | 79         |
|              | 49              | 430          | 28.75      | 19800      | 3.3          | F 77                                                                                | 4         | 77         |
|              | 55              | 380          | 25.50      | 19900      | 4.0          | FF 77                                                                               | 4         | 87         |
|              | 23              | 910          | 61.07      | 9420       | 0.90         | FA 67                                                                               | 4         | 51         |
|              | 26              | 800          | 53.73      | 10500      | 1.00         | FAF 67                                                                              | 4         | 58         |
|              | 28              | 755          | 50.74      | 10800      | 1.10         | F 67                                                                                | 4         | 54         |
|              | 33              | 645          | 43.20      | 11600      | 1.25         | FF 67                                                                               | 4         | 60         |
|              | 36              | 585          | 39.26      | 12000      | 1.35         |                                                                                     |           |            |
|              | 41              | 505          | 34.01      | 12400      | 1.45         |                                                                                     |           |            |
|              | 44              | 480          | 32.08      | 12500      | 1.70         | FA 67                                                                               | 4         | 50         |
|              | 51              | 410          | 27.41      | 12800      | 2.0          | FAF 67                                                                              | 4         | 56         |
|              | 56              | 375          | 25.13      | 12900      | 2.2          | F 67                                                                                | 4         | 53         |
|              | 64              | 330          | 22.05      | 13000      | 2.5          | FF 67                                                                               | 4         | 59         |
|              | 67              | 310          | 20.90      | 13000      | 2.6          |                                                                                     |           |            |
|              | 77              | 275          | 18.29      | 13000      | 3.0          |                                                                                     |           |            |
|              | 32              | 665          | 44.73      | 4480       | 0.90         | FA 57                                                                               | 4         | 47         |
|              | 37              | 570          | 38.21      | 8660       | 1.05         | FAF 57                                                                              | 4         | 53         |
|              | 39              | 535          | 35.79      | 8620       | 1.15         | F 57                                                                                | 4         | 48         |
|              | 47              | 450          | 30.15      | 8460       | 1.30         | FF 57                                                                               | 4         | 54         |
|              | 56              | 370          | 24.96      | 8240       | 1.55         | FA 57                                                                               | 4         | 47         |
|              | 67              | 315          | 21.17      | 8020       | 1.90         | FAF 57                                                                              | 4         | 52         |
|              | 74              | 285          | 19.11      | 7870       | 2.1          | F 57                                                                                | 4         | 47         |
|              | 84              | 250          | 16.81      | 7670       | 2.4          | FF 57                                                                               | 4         | 53         |
|              | 89              | 235          | 15.88      | 7580       | 2.5          |                                                                                     |           |            |
|              | 55              | 385          | 25.72      | 5560       | 1.05         | FA 47                                                                               | 4         | 38         |
|              | 65              | 325          | 21.82      | 5520       | 1.25         | FAF 47                                                                              | 4         | 40         |
|              | 72              | 295          | 19.70      | 5480       | 1.35         | F 47                                                                                | 4         | 38         |
|              | 81              | 260          | 17.33      | 5410       | 1.55         | FF 47                                                                               | 4         | 42         |
|              | 86              | 245          | 16.36      | 5370       | 1.65         |                                                                                     |           |            |
|              | 101             | 210          | 13.93      | 5250       | 1.95         |                                                                                     |           |            |
|              | 111             | 189          | 12.66      | 5170       | 2.1          |                                                                                     |           |            |
|              | 129             | 163          | 10.97      | 5040       | 2.5          |                                                                                     |           |            |
|              | 157             | 133          | 8.96       | 4740       | 2.5          |                                                                                     |           |            |
|              | 98              | 215          | 14.33      | 2790       | 0.95         | FA 37                                                                               | 4         | 33         |
|              | 110             | 192          | 12.87      | 2810       | 1.05         | FAF 37                                                                              | 4         | 35         |
|              | 127             | 165          | 11.08      | 2820       | 1.15         | F 37                                                                                | 4         | 34         |
|              | 135             | 155          | 10.42      | 2810       | 1.20         | FF 37                                                                               | 4         | 36         |
|              | 157             | 134          | 8.97       | 2790       | 1.30         |                                                                                     |           |            |
|              | 176             | 119          | 8.01       | 2770       | 1.40         |                                                                                     |           |            |
|              | 209             | 100          | 6.74       | 2630       | 1.40         |                                                                                     |           |            |
|              | 233             | 90           | 6.05       | 2590       | 1.50         |                                                                                     |           |            |
|              | 271             | 78           | 5.21       | 2540       | 1.60         |                                                                                     |           |            |
|              | 288             | 73           | 4.90       | 2520       | 1.65         |                                                                                     |           |            |
|              | 334             | 63           | 4.22       | 2460       | 1.75         |                                                                                     |           |            |
|              | 374             | 56           | 3.77       | 2400       | 1.85         |                                                                                     |           |            |
| 3.0          | 1.2             | 21700        | 1169       | 87200      | 0.85         |                                                                                     |           |            |
|              | 1.5             | 17600        | 953        | 101300     | 1.00         |                                                                                     |           |            |
|              | 1.7             | 15600        | 845        | 106700     | 1.15         | FA 157                                                                              | R97 4     | 780        |
|              | 1.8             | 14100        | 764        | 110100     | 1.30         | FAF 157                                                                             | R97 4     | 840        |
|              | 2.1             | 12500        | 680        | 113200     | 1.45         | F 157                                                                               | R97 4     | 800        |
|              | 2.4             | 10600        | 576        | 116400     | 1.70         | FF 157                                                                              | R97 4     | 910        |
|              | 3.1             | 8250         | 446        | 119500     | 2.2          |                                                                                     |           |            |
|              | 4.6             | 5580         | 302        | 120000     | 3.2          |                                                                                     |           |            |
|              | 5.1             | 5040         | 273        | 120000     | 3.6          |                                                                                     |           |            |
|              | 6.1             | 4250         | 232        | 120000     | 4.2          |                                                                                     |           |            |
|              | 7.1             | 3610         | 197        | 120000     | 5.0          |                                                                                     |           |            |
|              | 1.9             | 13600        | 727        | 87400      | 0.90         | FA 127                                                                              | R77 4     | 445        |
|              | 2.2             | 12200        | 648        | 90000      | 1.00         | FAF 127                                                                             | R77 4     | 485        |
|              | 2.5             | 10300        | 549        | 90000      | 1.15         | F 127                                                                               | R77 4     | 485        |
|              | 2.8             | 9270         | 495        | 90000      | 1.30         | FF 127                                                                              | R77 4     | 530        |
|              | 3.2             | 8170         | 436        | 48500      | 0.95         | FA 107                                                                              | R77 4     | 295        |
|              | 3.8             | 6930         | 370        | 51800      | 1.10         | FAF 107                                                                             | R77 4     | 315        |
|              | 4.2             | 6240         | 333        | 53500      | 1.25         | F 107                                                                               | R77 4     | 310        |
|              | 4.8             | 5460         | 291        | 55300      | 1.40         | FF 107                                                                              | R77 4     | 340        |



## F系列减速机选型参数表

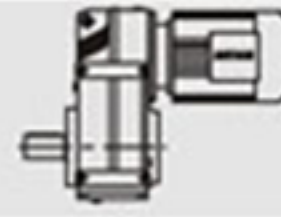
| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 3.0          | 3.7             | 7750         | 254.40     | 49600      | 1.00         | FA 107                                                                              | 6         | 270        |
|              | 4.4             | 6560         | 215.37     | 52700      | 1.15         | FAF 107                                                                             | 6         | 290        |
|              | 4.7             | 6070         | 199.31     | 53900      | 1.25         | F 107                                                                               | 6         | 285        |
|              | 5.3             | 5440         | 178.64     | 55300      | 1.40         | FF 107                                                                              | 6         | 315        |
|              | 5.5             | 5210         | 254.40     | 55900      | 1.50         | FA 107                                                                              | 4         | 260        |
|              | 6.5             | 4410         | 215.37     | 57600      | 1.75         | FAF 107                                                                             | 4         | 280        |
|              | 7.0             | 4080         | 199.31     | 58300      | 1.90         | F 107                                                                               | 4         | 275        |
|              | 7.8             | 3660         | 178.64     | 59100      | 2.1          | FF 107                                                                              | 4         | 300        |
|              | 8.7             | 3300         | 161.28     | 59800      | 2.3          |                                                                                     |           |            |
|              | 6.2             | 4580         | 223.88     | 29000      | 0.95         | FA 97                                                                               | 4         | 180        |
|              | 7.4             | 3890         | 189.92     | 31100      | 1.10         | FAF 97                                                                              | 4         | 205        |
|              | 8.0             | 3580         | 174.87     | 31900      | 1.20         | F 97                                                                                | 4         | 190        |
|              |                 |              |            |            |              | FF 97                                                                               | 4         | 220        |
|              | 9.0             | 3200         | 156.30     | 32800      | 1.35         | FA 97                                                                               | 4         | 180        |
|              | 9.9             | 2880         | 140.71     | 33600      | 1.50         | FAF 97                                                                              | 4         | 205        |
|              | 11              | 2610         | 127.42     | 34200      | 1.65         | F 97                                                                                | 4         | 190        |
|              | 12              | 2310         | 112.99     | 34800      | 1.85         | FF 97                                                                               | 4         | 220        |
|              | 14              | 2090         | 102.16     | 35200      | 2.1          |                                                                                     |           |            |
|              | 16              | 1840         | 89.85      | 35700      | 2.3          |                                                                                     |           |            |
|              | 10              | 2750         | 134.16     | 23900      | 1.10         | FA 87                                                                               | 4         | 120        |
|              | 11              | 2520         | 123.29     | 24700      | 1.20         | FAF 87                                                                              | 4         | 130        |
|              | 13              | 2240         | 109.49     | 25700      | 1.35         | F 87                                                                                | 4         | 125        |
|              |                 |              |            |            |              | FF 87                                                                               | 4         | 140        |
|              | 14              | 2000         | 97.89      | 26400      | 1.50         | FA 87                                                                               | 4         | 120        |
|              | 16              | 1800         | 88.01      | 26900      | 1.65         | FAF 87                                                                              | 4         | 130        |
|              | 18              | 1560         | 76.39      | 26300      | 1.90         | F 87                                                                                | 4         | 125        |
|              | 20              | 1400         | 68.40      | 25700      | 2.1          | FF 87                                                                               | 4         | 140        |
|              | 25              | 1160         | 56.75      | 24800      | 2.6          |                                                                                     |           |            |
|              | 28              | 1030         | 50.36      | 24100      | 2.8          |                                                                                     |           |            |
|              | 16              | 1750         | 85.52      | 13800      | 0.85         | FA 77                                                                               | 4         | 78         |
|              | 19              | 1540         | 75.02      | 15500      | 1.00         | FAF 77                                                                              | 4         | 85         |
|              | 21              | 1360         | 66.46      | 16600      | 1.10         | F 77                                                                                | 4         | 82         |
|              | 24              | 1190         | 58.32      | 17500      | 1.25         | FF 77                                                                               | 4         | 93         |
|              | 25              | 1130         | 55.27      | 17800      | 1.35         | FA 77                                                                               | 4         | 78         |
|              | 29              | 990          | 48.37      | 18300      | 1.50         | FAF 77                                                                              | 4         | 85         |
|              | 32              | 890          | 43.58      | 18700      | 1.70         | F 77                                                                                | 4         | 82         |
|              | 37              | 780          | 38.23      | 19000      | 1.90         | FF 77                                                                               | 4         | 93         |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 38              | 750          | 36.58      | 19100      | 1.50         | FA 77                                                                               | 4         | 77         |
|              | 44              | 645          | 31.51      | 19400      | 2.1          | FAF 77                                                                              | 4         | 83         |
|              | 49              | 590          | 28.75      | 19500      | 2.4          | F 77                                                                                | 4         | 81         |
|              | 55              | 520          | 25.50      | 19700      | 2.9          | FF 77                                                                               | 4         | 91         |
|              | 65              | 440          | 21.43      | 19800      | 3.4          |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 32              | 880          | 43.20      | 9690       | 0.95         | FA 67                                                                               | 4         | 55         |
|              | 36              | 800          | 39.26      | 10500      | 0.95         | FAF 67                                                                              | 4         | 62         |
|              | 41              | 695          | 34.01      | 11300      | 1.05         | F 67                                                                                | 4         | 58         |
|              |                 |              |            |            |              | FF 67                                                                               | 4         | 64         |
|              | 44              | 655          | 32.08      | 11600      | 1.25         | FA 67                                                                               | 4         | 54         |
|              | 51              | 560          | 27.41      | 12100      | 1.45         | FAF 67                                                                              | 4         | 60         |
|              | 56              | 515          | 25.13      | 12300      | 1.60         | F 67                                                                                | 4         | 57         |
|              | 63              | 450          | 22.05      | 12600      | 1.80         | FF 67                                                                               | 4         | 63         |
|              | 67              | 430          | 20.90      | 12700      | 1.90         |                                                                                     |           |            |
|              | 77              | 375          | 18.29      | 12900      | 2.2          |                                                                                     |           |            |
|              | 85              | 335          | 16.48      | 13000      | 2.4          |                                                                                     |           |            |
|              | 97              | 295          | 14.46      | 13000      | 2.8          |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              |                 |              |            |            |              |                                                                                     |           |            |
|              | 56              | 510          | 24.96      | 7440       | 1.15         | FA 57                                                                               | 4         | 51         |
|              | 66              | 435          | 21.17      | 7340       | 1.40         | FAF 57                                                                              | 4         | 56         |
|              | 73              | 390          | 19.11      | 7260       | 1.55         | F 57                                                                                | 4         | 51         |
|              | 83              | 345          | 16.81      | 7140       | 1.75         | FF 57                                                                               | 4         | 57         |
|              | 88              | 325          | 15.88      | 7080       | 1.85         |                                                                                     |           |            |
|              | 104             | 275          | 13.52      | 6890       | 2.2          |                                                                                     |           |            |
|              | 114             | 250          | 12.29      | 6780       | 2.4          |                                                                                     |           |            |
|              | 132             | 220          | 10.64      | 6590       | 2.8          |                                                                                     |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 3.0          | 71              | 405          | 19.70      | 4750       | 1.00         |                                                                                     |           |            |
|              | 81              | 355          | 17.33      | 4760       | 1.15         |                                                                                     |           |            |
|              | 86              | 335          | 16.36      | 4760       | 1.20         | FA                                                                                  | 47        | 42         |
|              | 100             | 285          | 13.93      | 4740       | 1.40         | FAF                                                                                 | 47        | 44         |
|              | 111             | 260          | 12.66      | 4700       | 1.55         | F                                                                                   | 47        | 42         |
|              | 128             | 225          | 10.97      | 4640       | 1.80         | FF                                                                                  | 47        | 46         |
|              | 156             | 183          | 8.96       | 4370       | 1.80         |                                                                                     |           |            |
|              | 126             | 225          | 11.08      | 2320       | 0.85         |                                                                                     |           |            |
|              | 134             | 215          | 10.42      | 2350       | 0.85         |                                                                                     |           |            |
|              | 156             | 184          | 8.97       | 2390       | 0.95         |                                                                                     |           |            |
|              | 175             | 164          | 8.01       | 2410       | 1.05         | FA                                                                                  | 37        | 37         |
|              | 208             | 138          | 6.74       | 2290       | 1.00         | FAF                                                                                 | 37        | 39         |
|              | 231             | 124          | 6.05       | 2300       | 1.10         | F                                                                                   | 37        | 38         |
|              | 269             | 107          | 5.21       | 2290       | 1.15         | FF                                                                                  | 37        | 40         |
|              | 286             | 100          | 4.90       | 2280       | 1.20         |                                                                                     |           |            |
|              | 332             | 86           | 4.22       | 2250       | 1.25         |                                                                                     |           |            |
|              | 372             | 77           | 3.77       | 2220       | 1.35         |                                                                                     |           |            |
| 4.0          | 1.7             | 20600        | 845        | 91500      | 0.85         |                                                                                     |           |            |
|              | 1.9             | 18600        | 764        | 98300      | 0.95         |                                                                                     |           |            |
|              | 2.1             | 16600        | 680        | 104200     | 1.10         | FA                                                                                  | 157       | 790        |
|              | 2.5             | 14000        | 576        | 110300     | 1.30         | FAF                                                                                 | 157       | 850        |
|              | 3.2             | 10900        | 446        | 115900     | 1.65         | F                                                                                   | 157       | 810        |
|              | 4.7             | 7390         | 302        | 120000     | 2.4          | FF                                                                                  | 157       | 920        |
|              | 5.2             | 6670         | 273        | 120000     | 2.7          |                                                                                     |           |            |
|              | 6.1             | 5640         | 232        | 120000     | 3.2          |                                                                                     |           |            |
|              | 7.2             | 4780         | 197        | 120000     | 3.8          |                                                                                     |           |            |
|              | 2.6             | 13600        | 549        | 87400      | 0.90         | FA                                                                                  | 127       | 455        |
|              | 2.9             | 12200        | 495        | 90000      | 1.00         | FAF                                                                                 | 127       | 490        |
|              | 3.3             | 10600        | 428        | 90000      | 1.15         | F                                                                                   | 127       | 490        |
|              | 3.8             | 9270         | 376        | 90000      | 1.30         | FF                                                                                  | 127       | 530        |
|              | 4.3             | 8230         | 333        | 48300      | 0.95         | FA                                                                                  | 107       | 300        |
|              | 4.9             | 7190         | 291        | 51100      | 1.05         | FAF                                                                                 | 107       | 325        |
|              | 5.6             | 6310         | 255        | 53300      | 1.20         | F                                                                                   | 107       | 320        |
|              |                 |              |            |            |              | FF                                                                                  | 107       | 345        |
|              | 4.2             | 9060         | 170.83     | 90000      | 1.30         | FA                                                                                  | 127       | 445        |
|              | 4.7             | 8150         | 153.67     | 90000      | 1.45         | FAF                                                                                 | 127       | 485        |
|              | 5.7             | 6650         | 125.37     | 90000      | 1.80         | F                                                                                   | 127       | 485        |
|              |                 |              |            |            |              | FF                                                                                  | 127       | 530        |
|              | 5.6             | 6840         | 254.40     | 52000      | 1.10         |                                                                                     |           |            |
|              | 6.6             | 5790         | 215.37     | 54500      | 1.35         |                                                                                     |           |            |
|              | 7.1             | 5360         | 199.31     | 55500      | 1.45         | FA                                                                                  | 107       | 265        |
|              | 7.9             | 4810         | 178.64     | 56700      | 1.60         | FAF                                                                                 | 107       | 285        |
|              | 8.8             | 4340         | 161.28     | 57700      | 1.75         | F                                                                                   | 107       | 280        |
|              | 9.7             | 3940         | 146.49     | 58500      | 1.95         | FF                                                                                  | 107       | 305        |
|              | 11              | 3500         | 129.97     | 59400      | 2.2          |                                                                                     |           |            |
|              | 12              | 3170         | 117.94     | 60100      | 2.4          |                                                                                     |           |            |
|              | 14              | 2730         | 101.38     | 60900      | 2.8          |                                                                                     |           |            |
|              | 8.1             | 4700         | 174.87     | 26600      | 0.90         | FA                                                                                  | 97        | 190        |
|              | 9.1             | 4200         | 156.30     | 30200      | 1.00         | FAF                                                                                 | 97        | 210        |
|              | 10              | 3780         | 140.71     | 31400      | 1.15         | F                                                                                   | 97        | 195        |
|              | 11              | 3430         | 127.42     | 32300      | 1.25         | FF                                                                                  | 97        | 230        |
|              | 13              | 3040         | 112.99     | 33200      | 1.40         |                                                                                     |           |            |
|              | 14              | 2750         | 102.16     | 33900      | 1.55         | FA                                                                                  | 97        | 190        |
|              | 15              | 2620         | 97.58      | 34100      | 1.65         | FAF                                                                                 | 97        | 210        |
|              | 16              | 2420         | 89.85      | 34600      | 1.80         | F                                                                                   | 97        | 195        |
|              | 18              | 2160         | 80.31      | 35100      | 2.0          | FF                                                                                  | 97        | 230        |
|              | 20              | 1940         | 72.29      | 35500      | 2.2          |                                                                                     |           |            |
|              | 22              | 1760         | 65.47      | 35800      | 2.4          |                                                                                     |           |            |
|              | 13              | 2950         | 109.49     | 21700      | 1.00         | FA                                                                                  | 87        | 125        |
|              | 15              | 2630         | 97.89      | 24300      | 1.15         | FAF                                                                                 | 87        | 135        |
|              | 16              | 2370         | 88.01      | 24600      | 1.25         | F                                                                                   | 87        | 130        |
|              |                 |              |            |            |              | FF                                                                                  | 87        | 145        |
|              | 19              | 2050         | 76.39      | 24200      | 1.45         | FA                                                                                  | 87        | 125        |
|              | 21              | 1840         | 68.40      | 23900      | 1.65         | FAF                                                                                 | 87        | 135        |
|              | 25              | 1530         | 56.75      | 23200      | 1.95         | F                                                                                   | 87        | 130        |
|              | 28              | 1350         | 50.36      | 22800      | 2.2          | FF                                                                                  | 87        | 145        |
|              | 31              | 1220         | 45.28      | 22300      | 2.3          |                                                                                     |           |            |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |     |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|-----|
| 4.0          | 21              | 1790         | 66.46      | 13400      | 0.85         | FA                                                                                  | 77        | 4          | 84  |
|              | 24              | 1570         | 58.32      | 15200      | 0.95         | FAF                                                                                 | 77        | 4          | 91  |
|              | 26              | 1490         | 55.27      | 15800      | 1.00         | F                                                                                   | 77        | 4          | 88  |
|              | 29              | 1300         | 48.37      | 16900      | 1.15         | FF                                                                                  | 77        | 4          | 99  |
|              | 33              | 1170         | 43.58      | 17600      | 1.30         | FA                                                                                  | 77        | 4          | 84  |
|              | 37              | 1030         | 38.23      | 18200      | 1.45         | FAF                                                                                 | 77        | 4          | 91  |
|              | 42              | 910          | 33.74      | 18600      | 1.65         | F                                                                                   | 77        | 4          | 88  |
|              | 47              | 800          | 29.91      | 19000      | 1.85         | FF                                                                                  | 77        | 4          | 99  |
|              | 56              | 685          | 25.54      | 19300      | 2.1          |                                                                                     |           |            |     |
|              | 45              | 850          | 31.51      | 18800      | 1.65         | FA                                                                                  | 77        | 4          | 83  |
|              | 49              | 775          | 28.75      | 19100      | 1.85         | FAF                                                                                 | 77        | 4          | 89  |
|              | 56              | 685          | 25.50      | 19300      | 2.2          | F                                                                                   | 77        | 4          | 87  |
|              | 66              | 575          | 21.43      | 19500      | 2.6          | FF                                                                                  | 77        | 4          | 97  |
|              | 72              | 530          | 19.70      | 19600      | 2.8          |                                                                                     |           |            |     |
|              | 52              | 735          | 27.41      | 11000      | 1.10         |                                                                                     |           |            |     |
|              | 57              | 675          | 25.13      | 11400      | 1.20         |                                                                                     |           |            |     |
|              | 64              | 595          | 22.05      | 11900      | 1.40         |                                                                                     |           |            |     |
|              | 68              | 560          | 20.90      | 12100      | 1.45         |                                                                                     |           |            |     |
|              | 78              | 490          | 18.29      | 12400      | 1.65         |                                                                                     |           |            |     |
|              | 86              | 445          | 16.48      | 12700      | 1.85         |                                                                                     |           |            |     |
|              | 98              | 390          | 14.46      | 12900      | 2.1          |                                                                                     |           |            |     |
|              | 111             | 345          | 12.76      | 13000      | 2.4          | FA                                                                                  | 67        | 4          | 61  |
|              | 126             | 305          | 11.31      | 13000      | 2.7          | FAF                                                                                 | 67        | 4          | 67  |
|              | 147             | 260          | 9.66       | 13000      | 3.2          | F                                                                                   | 67        | 4          | 64  |
|              | 156             | 245          | 9.08       | 13000      | 2.2          | FF                                                                                  | 67        | 4          | 70  |
|              | 165             | 230          | 8.60       | 12800      | 2.5          |                                                                                     |           |            |     |
|              | 189             | 205          | 7.53       | 12400      | 3.0          |                                                                                     |           |            |     |
|              | 209             | 183          | 6.78       | 12100      | 3.4          |                                                                                     |           |            |     |
|              | 239             | 160          | 5.95       | 11700      | 3.8          |                                                                                     |           |            |     |
|              | 270             | 141          | 5.25       | 11400      | 4.2          |                                                                                     |           |            |     |
|              | 305             | 125          | 4.66       | 11000      | 4.5          |                                                                                     |           |            |     |
|              | 357             | 107          | 3.97       | 10600      | 4.7          |                                                                                     |           |            |     |
|              | 67              | 570          | 21.17      | 6490       | 1.05         |                                                                                     |           |            |     |
|              | 74              | 515          | 19.11      | 6490       | 1.15         |                                                                                     |           |            |     |
|              | 84              | 450          | 16.81      | 6450       | 1.35         |                                                                                     |           |            |     |
|              | 89              | 425          | 15.88      | 6430       | 1.40         |                                                                                     |           |            |     |
|              | 105             | 365          | 13.52      | 6340       | 1.65         | FA                                                                                  | 57        | 4          | 58  |
|              | 116             | 330          | 12.29      | 6270       | 1.80         | FAF                                                                                 | 57        | 4          | 63  |
|              | 133             | 285          | 10.64      | 6150       | 2.1          | F                                                                                   | 57        | 4          | 58  |
|              | 153             | 250          | 9.31       | 5850       | 1.70         | FF                                                                                  | 57        | 4          | 64  |
|              | 173             | 220          | 8.19       | 5730       | 1.90         |                                                                                     |           |            |     |
|              | 184             | 210          | 7.73       | 5680       | 2.0          |                                                                                     |           |            |     |
|              | 216             | 177          | 6.58       | 5510       | 2.4          |                                                                                     |           |            |     |
|              | 237             | 161          | 5.98       | 5410       | 2.6          |                                                                                     |           |            |     |
|              | 274             | 139          | 5.18       | 5250       | 3.0          |                                                                                     |           |            |     |
| 5.5          | 2.5             | 19300        | 576        | 96300      | 0.95         |                                                                                     |           |            |     |
|              | 2.8             | 16800        | 503        | 103600     | 1.05         |                                                                                     |           |            |     |
|              | 3.2             | 15000        | 446        | 108200     | 1.20         | FA                                                                                  | 157       | R97 4      | 800 |
|              | 4.1             | 11800        | 353        | 114500     | 1.55         | FAF                                                                                 | 157       | R97 4      | 850 |
|              | 4.7             | 10100        | 302        | 117100     | 1.80         | F                                                                                   | 157       | R97 4      | 820 |
|              | 5.2             | 9160         | 273        | 118400     | 1.95         | FF                                                                                  | 157       | R97 4      | 920 |
|              | 6.2             | 7750         | 232        | 120000     | 2.3          |                                                                                     |           |            |     |
|              | 7.1             | 6750         | 202        | 120000     | 2.7          |                                                                                     |           |            |     |
|              | 7.3             | 6570         | 197        | 120000     | 2.7          |                                                                                     |           |            |     |
|              | 3.4             | 14000        | 418        | 86500      | 0.85         | FA                                                                                  | 127       | R87 4      | 480 |
|              | 3.8             | 12600        | 374        | 89400      | 0.95         | FAF                                                                                 | 127       | R87 4      | 520 |
|              | 4.6             | 10500        | 312        | 90000      | 1.15         | F                                                                                   | 127       | R87 4      | 520 |
| 4.9          | 9840            | 293          | 90000      | 1.20       | FF           | 127                                                                                 | R87 4     | 560        |     |
| 5.5          | 8680            | 259          | 90000      | 1.40       |              |                                                                                     |           |            |     |
| 6.4          | 7500            | 223          | 90000      | 1.60       |              |                                                                                     |           |            |     |
|              | 3.3             | 14500        | 428        | 85600      | 0.85         | FA                                                                                  | 127       | R77 4      | 460 |
|              | 3.8             | 12700        | 376        | 89100      | 0.95         | FAF                                                                                 | 127       | R77 4      | 495 |
|              |                 |              |            |            |              | F                                                                                   | 127       | R77 4      | 495 |
|              |                 |              |            |            |              | FF                                                                                  | 127       | R77 4      | 540 |



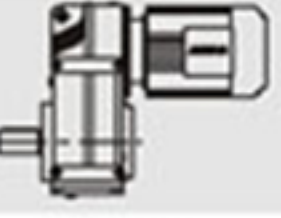
| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 5.5          | 2.7             | 19800        | 267.43     | 94600      | 0.90         |                                                                                     |           |            |
|              | 3.3             | 16100        | 217.62     | 105500     | 1.10         |                                                                                     |           |            |
|              | 4.0             | 13200        | 178.20     | 111900     | 1.35         |                                                                                     |           |            |
|              | 4.4             | 12100        | 162.96     | 114000     | 1.50         |                                                                                     |           |            |
|              | 5.0             | 10500        | 141.80     | 116600     | 1.70         | FA                                                                                  | 157       | 710        |
|              | 5.7             | 9260         | 125.14     | 118300     | 1.95         | FAF                                                                                 | 157       | 770        |
|              | 6.5             | 8030         | 108.49     | 119700     | 2.2          | F                                                                                   | 157       | 730        |
|              | 7.4             | 7140         | 96.53      | 120000     | 2.5          | FF                                                                                  | 157       | 840        |
|              | 8.3             | 6350         | 85.80      | 120000     | 2.8          |                                                                                     |           |            |
|              | 9.1             | 5800         | 78.46      | 120000     | 3.1          |                                                                                     |           |            |
|              | 10              | 5050         | 68.28      | 120000     | 3.6          |                                                                                     |           |            |
|              | 4.2             | 12600        | 170.83     | 89200      | 0.95         | FA                                                                                  | 127       | 450        |
|              | 4.6             | 11400        | 153.67     | 90000      | 1.05         | FAF                                                                                 | 127       | 490        |
|              | 5.7             | 9270         | 125.37     | 90000      | 1.30         | F                                                                                   | 127       | 485        |
|              | 6.2             | 8460         | 114.34     | 90000      | 1.40         | FF                                                                                  | 127       | 530        |
|              | 6.6             | 7910         | 215.37     | 49200      | 0.95         | FA                                                                                  | 107       | 270        |
|              | 7.2             | 7320         | 199.31     | 50800      | 1.05         | FAF                                                                                 | 107       | 290        |
|              | 8.0             | 6560         | 178.64     | 52700      | 1.15         | F                                                                                   | 107       | 285        |
|              | 8.9             | 5920         | 161.28     | 54200      | 1.30         | FF                                                                                  | 107       | 315        |
|              | 9.8             | 5380         | 146.49     | 55500      | 1.45         |                                                                                     |           |            |
|              | 11              | 4770         | 129.97     | 56800      | 1.60         | FA                                                                                  | 107       | 270        |
|              | 12              | 4330         | 117.94     | 57700      | 1.75         | FAF                                                                                 | 107       | 290        |
|              | 14              | 3720         | 101.38     | 59000      | 2.1          | F                                                                                   | 107       | 285        |
|              | 15              | 3400         | 92.47      | 59600      | 2.3          | FF                                                                                  | 107       | 315        |
|              | 16              | 3250         | 88.49      | 59900      | 2.4          |                                                                                     |           |            |
|              | 17              | 3080         | 83.99      | 60200      | 2.5          |                                                                                     |           |            |
|              | 11              | 4680         | 127.42     | 27400      | 0.90         | FA                                                                                  | 97        | 195        |
|              | 13              | 4150         | 112.99     | 30300      | 1.05         | FAF                                                                                 | 97        | 215        |
|              | 14              | 3750         | 102.16     | 31400      | 1.15         | F                                                                                   | 97        | 200        |
|              |                 |              |            |            |              | FF                                                                                  | 97        | 235        |
|              | 15              | 3580         | 97.58      | 31900      | 1.20         |                                                                                     |           |            |
|              | 16              | 3300         | 89.85      | 32600      | 1.30         |                                                                                     |           |            |
|              | 17              | 3180         | 86.59      | 32900      | 1.35         | FA                                                                                  | 97        | 195        |
|              | 18              | 2950         | 80.31      | 33400      | 1.45         | FAF                                                                                 | 97        | 215        |
|              | 19              | 2780         | 75.63      | 33800      | 1.55         | F                                                                                   | 97        | 200        |
|              | 20              | 2660         | 72.29      | 34100      | 1.60         | FF                                                                                  | 97        | 235        |
|              | 22              | 2400         | 65.47      | 34600      | 1.80         |                                                                                     |           |            |
|              | 25              | 2130         | 58.06      | 34500      | 2.0          |                                                                                     |           |            |
|              | 27              | 1930         | 52.49      | 33900      | 2.2          |                                                                                     |           |            |
|              | 16              | 3230         | 88.01      | 5760       | 0.95         | FA                                                                                  | 87        | 130        |
|              | 19              | 2810         | 76.39      | 21200      | 1.05         | FAF                                                                                 | 87        | 140        |
|              | 21              | 2510         | 68.40      | 21200      | 1.20         | F                                                                                   | 87        | 135        |
|              | 25              | 2080         | 56.75      | 21000      | 1.45         | FF                                                                                  | 87        | 150        |
|              | 28              | 1850         | 50.36      | 20800      | 1.60         |                                                                                     |           |            |
|              | 32              | 1660         | 45.28      | 20500      | 1.70         | FA                                                                                  | 87        | 130        |
|              | 36              | 1440         | 39.30      | 20100      | 1.90         | FAF                                                                                 | 87        | 140        |
|              | 41              | 1290         | 35.19      | 19800      | 2.0          | F                                                                                   | 87        | 135        |
|              | 49              | 1070         | 29.20      | 19100      | 2.3          | FF                                                                                  | 87        | 150        |
|              | 42              | 1250         | 33.92      | 19700      | 2.1          | FA                                                                                  | 87        | 125        |
|              | 50              | 1060         | 28.78      | 19100      | 2.3          | FAF                                                                                 | 87        | 140        |
|              | 54              | 970          | 26.50      | 18800      | 3.1          | F                                                                                   | 87        | 130        |
|              | 60              | 870          | 23.68      | 18400      | 3.5          | FF                                                                                  | 87        | 145        |
|              | 30              | 1780         | 48.37      | 13500      | 0.85         |                                                                                     |           |            |
|              | 33              | 1600         | 43.58      | 15000      | 0.95         | FA                                                                                  | 77        | 91         |
|              | 37              | 1400         | 38.23      | 16300      | 1.05         | FAF                                                                                 | 77        | 98         |
|              | 42              | 1240         | 33.74      | 17300      | 1.20         | F                                                                                   | 77        | 95         |
|              | 48              | 1100         | 29.91      | 17900      | 1.35         | FF                                                                                  | 77        | 105        |
|              | 56              | 940          | 25.54      | 18500      | 1.55         |                                                                                     |           |            |
|              | 56              | 940          | 25.50      | 18500      | 1.60         |                                                                                     |           |            |
|              | 67              | 785          | 21.43      | 19000      | 1.90         | FA                                                                                  | 77        | 90         |
|              | 73              | 725          | 19.70      | 19200      | 2.1          | FAF                                                                                 | 77        | 96         |
|              | 82              | 645          | 17.49      | 19400      | 2.3          | F                                                                                   | 77        | 94         |
|              | 91              | 575          | 15.64      | 19600      | 2.6          | FF                                                                                  | 77        | 105        |
|              | 102             | 515          | 14.06      | 19300      | 2.9          |                                                                                     |           |            |
|              | 117             | 450          | 12.20      | 18600      | 3.3          |                                                                                     |           |            |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 5.5          | 65              | 810          | 22.05      | 10400      | 1.00         |  | 4         | 66         |
|              | 68              | 770          | 20.90      | 10800      | 1.05         |                                                                                     |           |            |
|              | 78              | 670          | 18.29      | 11500      | 1.20         |                                                                                     |           |            |
|              | 87              | 605          | 16.48      | 11900      | 1.35         |                                                                                     |           |            |
|              | 99              | 530          | 14.46      | 12300      | 1.55         |                                                                                     |           |            |
|              | 112             | 470          | 12.76      | 12500      | 1.75         |                                                                                     |           |            |
|              | 126             | 415          | 11.31      | 12800      | 1.95         |                                                                                     |           |            |
|              | 148             | 355          | 9.66       | 12900      | 2.3          |                                                                                     |           |            |
|              | 158             | 335          | 9.08       | 12400      | 1.60         |                                                                                     |           |            |
|              | 166             | 315          | 8.60       | 12300      | 1.80         |                                                                                     |           |            |
|              | 190             | 275          | 7.53       | 12000      | 2.2          |                                                                                     |           |            |
|              | 211             | 250          | 6.78       | 11700      | 2.5          |                                                                                     |           |            |
|              | 240             | 220          | 5.95       | 11400      | 2.8          |                                                                                     |           |            |
|              | 272             | 193          | 5.25       | 11100      | 3.1          |                                                                                     |           |            |
|              | 307             | 171          | 4.66       | 10700      | 3.3          |                                                                                     |           |            |
|              | 360             | 146          | 3.97       | 10300      | 3.4          |                                                                                     |           |            |
|              | 85              | 620          | 16.81      | 5450       | 0.95         |                                                                                     |           |            |
|              | 90              | 585          | 15.88      | 5480       | 1.05         |                                                                                     |           |            |
|              | 106             | 495          | 13.52      | 5530       | 1.20         |                                                                                     |           |            |
|              | 116             | 450          | 12.29      | 5530       | 1.35         |                                                                                     |           |            |
|              | 134             | 390          | 10.64      | 5510       | 1.55         |                                                                                     |           |            |
|              | 175             | 300          | 8.19       | 5190       | 1.40         |                                                                                     |           |            |
|              | 185             | 285          | 7.73       | 5160       | 1.50         |                                                                                     |           |            |
|              | 217             | 240          | 6.58       | 5070       | 1.75         |                                                                                     |           |            |
|              | 239             | 220          | 5.98       | 5010       | 1.90         |                                                                                     |           |            |
|              | 276             | 190          | 5.18       | 4900       | 2.2          |                                                                                     |           |            |
| 7.5          | 4.6             | 14300        | 312        | 85900      | 0.85         |  | R87 4     | 500        |
|              | 4.9             | 13500        | 293        | 87600      | 0.90         |                                                                                     |           |            |
|              | 5.5             | 11900        | 259        | 90000      | 1.00         |                                                                                     |           |            |
|              | 6.4             | 10300        | 223        | 90000      | 1.15         |                                                                                     |           |            |
|              | 7.2             | 9080         | 198        | 90000      | 1.30         |                                                                                     |           |            |
|              | 3.3             | 21600        | 217.62     | 87600      | 0.85         |                                                                                     |           |            |
|              | 4.0             | 17700        | 178.20     | 101100     | 1.00         |                                                                                     |           |            |
|              | 4.4             | 16200        | 162.96     | 105200     | 1.10         |                                                                                     |           |            |
|              | 5.1             | 14100        | 141.80     | 110100     | 1.30         |                                                                                     |           |            |
|              | 5.8             | 12400        | 125.14     | 113300     | 1.45         |                                                                                     |           |            |
|              | 6.6             | 10800        | 108.49     | 116100     | 1.65         |                                                                                     |           |            |
|              | 7.5             | 9600         | 96.53      | 117800     | 1.85         |                                                                                     |           |            |
|              | 8.4             | 8530         | 85.80      | 119200     | 2.1          |                                                                                     |           |            |
|              | 9.2             | 7810         | 78.46      | 120000     | 2.3          |                                                                                     |           |            |
|              | 11              | 6790         | 68.28      | 120000     | 2.7          |                                                                                     |           |            |
|              | 12              | 5990         | 60.25      | 120000     | 3.0          |                                                                                     |           |            |
|              | 14              | 5200         | 52.24      | 120000     | 3.5          |                                                                                     |           |            |
|              | 15              | 4620         | 46.48      | 120000     | 3.9          |                                                                                     |           |            |
|              | 18              | 3980         | 40.06      | 120000     | 4.5          |                                                                                     |           |            |
|              | 3.6             | 20000        | 267.43     | 94000      | 0.90         |                                                                                     |           |            |
|              | 4.4             | 16200        | 217.62     | 105100     | 1.10         |                                                                                     |           |            |
|              | 5.4             | 13300        | 178.20     | 111700     | 1.35         |                                                                                     |           |            |
|              | 5.9             | 12200        | 162.96     | 113800     | 1.50         |                                                                                     |           |            |
|              | 6.8             | 10600        | 141.80     | 116400     | 1.70         |                                                                                     |           |            |
|              | 7.7             | 9340         | 125.14     | 118200     | 1.95         |                                                                                     |           |            |
|              | 8.9             | 8090         | 108.49     | 119700     | 2.2          |                                                                                     |           |            |
|              | 9.9             | 7200         | 96.53      | 120000     | 2.5          |                                                                                     |           |            |
|              | 11              | 6400         | 85.80      | 120000     | 2.8          |                                                                                     |           |            |
|              | 12              | 5850         | 78.46      | 120000     | 3.1          |                                                                                     |           |            |
|              | 14              | 5090         | 68.28      | 120000     | 3.5          |                                                                                     |           |            |
|              | 16              | 4500         | 60.25      | 120000     | 4.0          |                                                                                     |           |            |
|              | 18              | 3900         | 52.24      | 119300     | 4.6          |                                                                                     |           |            |
|              | 5.7             | 12500        | 125.37     | 89500      | 0.95         |                                                                                     |           |            |
|              | 6.3             | 11400        | 114.34     | 90000      | 1.05         |                                                                                     |           |            |
|              | 7.3             | 9840         | 98.95      | 90000      | 1.20         |                                                                                     |           |            |
|              | 8.2             | 8690         | 87.31      | 90000      | 1.40         |                                                                                     |           |            |
|              | 5.6             | 12700        | 170.83     | 89000      | 0.95         |                                                                                     |           |            |
|              | 6.2             | 11500        | 153.67     | 90000      | 1.05         |                                                                                     |           |            |
|              | 7.7             | 9350         | 125.37     | 90000      | 1.30         |                                                                                     |           |            |
|              | 8.4             | 8530         | 114.34     | 90000      | 1.40         |                                                                                     |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 7.5          | 8.4             | 8560         | 170.83     | 90000      | 1.40         | FA 127                                                                              | 4         | 435        |
|              | 9.3             | 7700         | 153.67     | 90000      | 1.55         | FAF 127                                                                             | 4         | 475        |
|              | 11              | 6280         | 125.37     | 90000      | 1.90         | F 127                                                                               | 4         | 475        |
|              |                 |              |            |            |              | FF 127                                                                              | 4         | 520        |
|              | 8.0             | 8950         | 178.64     | 46300      | 0.85         | FA 107                                                                              | 4         | 290        |
|              | 8.9             | 8080         | 161.28     | 48700      | 0.95         | FAF 107                                                                             | 4         | 310        |
|              | 9.8             | 7340         | 146.49     | 50700      | 1.05         | F 107                                                                               | 4         | 305        |
|              | 11              | 6510         | 129.97     | 52800      | 1.20         | FF 107                                                                              | 4         | 335        |
|              | 12              | 5910         | 117.94     | 54200      | 1.30         | FA 107<br>FAF 107<br>F 107<br>FF 107                                                | 4         | 290        |
|              | 14              | 5080         | 101.38     | 56100      | 1.50         |                                                                                     | 4         | 310        |
|              | 15              | 4630         | 92.47      | 57100      | 1.65         |                                                                                     | 4         | 305        |
|              | 16              | 4430         | 88.49      | 57500      | 1.75         |                                                                                     | 4         | 335        |
|              | 17              | 4210         | 83.99      | 58000      | 1.85         |                                                                                     |           |            |
|              | 19              | 3730         | 74.52      | 59000      | 2.1          |                                                                                     |           |            |
|              | 21              | 3390         | 67.62      | 59600      | 2.3          |                                                                                     |           |            |
|              | 15              | 4890         | 97.58      | 19300      | 0.90         | FA 97<br>FAF 97<br>F 97<br>FF 97                                                    | 4         | 215        |
|              | 16              | 4500         | 89.85      | 29300      | 0.95         |                                                                                     | 4         | 235        |
|              | 17              | 4340         | 86.59      | 29800      | 1.00         |                                                                                     | 4         | 220        |
|              | 18              | 4020         | 80.31      | 30700      | 1.05         |                                                                                     | 4         | 255        |
|              | 19              | 3790         | 75.63      | 31300      | 1.15         |                                                                                     |           |            |
|              | 20              | 3620         | 72.29      | 31800      | 1.20         |                                                                                     |           |            |
|              | 22              | 3280         | 65.47      | 32200      | 1.30         | FA 97<br>FAF 97<br>F 97<br>FF 97                                                    | 4         | 215        |
|              | 25              | 2910         | 58.06      | 31800      | 1.50         |                                                                                     | 4         | 235        |
|              | 27              | 2630         | 52.49      | 31400      | 1.65         |                                                                                     | 4         | 220        |
|              | 32              | 2230         | 44.49      | 30600      | 1.95         |                                                                                     | 4         | 255        |
|              | 37              | 1950         | 38.86      | 29900      | 2.2          |                                                                                     |           |            |
|              | 44              | 1630         | 32.50      | 28900      | 2.6          |                                                                                     |           |            |
|              | 33              | 2170         | 43.28      | 30500      | 1.40         | FA 97<br>FAF 97<br>F 97<br>FF 97                                                    | 4         | 210        |
|              | 39              | 1840         | 36.64      | 29600      | 1.65         |                                                                                     | 4         | 230        |
|              | 42              | 1700         | 33.91      | 29200      | 2.5          |                                                                                     | 4         | 215        |
|              | 47              | 1520         | 30.39      | 28500      | 2.8          |                                                                                     | 4         | 250        |
|              | 25              | 2840         | 56.75      | 18100      | 1.05         | FA 87<br>FAF 87<br>F 87<br>FF 87                                                    | 4         | 150        |
|              | 28              | 2520         | 50.36      | 18200      | 1.15         |                                                                                     | 4         | 165        |
|              | 32              | 2270         | 45.28      | 18200      | 1.25         |                                                                                     | 4         | 155        |
|              | 36              | 1970         | 39.30      | 18100      | 1.40         |                                                                                     | 4         | 170        |
|              | 41              | 1760         | 35.19      | 18000      | 1.50         |                                                                                     |           |            |
|              | 49              | 1460         | 29.20      | 17600      | 1.70         |                                                                                     |           |            |
|              | 50              | 1440         | 28.78      | 17600      | 1.70         | FA 87<br>FAF 87<br>F 87<br>FF 87                                                    | 4         | 150        |
|              | 54              | 1330         | 26.50      | 17400      | 2.3          |                                                                                     | 4         | 160        |
|              | 60              | 1190         | 23.68      | 17100      | 2.5          |                                                                                     | 4         | 155        |
|              | 67              | 1070         | 21.32      | 16800      | 2.8          |                                                                                     | 4         | 170        |
|              | 74              | 970          | 19.31      | 16500      | 3.1          |                                                                                     |           |            |
|              | 84              | 860          | 17.12      | 16200      | 3.5          |                                                                                     |           |            |
|              | 92              | 775          | 15.48      | 15900      | 3.9          |                                                                                     |           |            |
|              | 42              | 1690         | 33.74      | 14300      | 0.90         | FA 77<br>FAF 77<br>F 77<br>FF 77                                                    | 4         | 110        |
|              | 48              | 1500         | 29.91      | 15700      | 1.00         |                                                                                     | 4         | 120        |
|              | 56              | 1280         | 25.54      | 17000      | 1.15         |                                                                                     | 4         | 115        |
|              |                 |              |            |            |              |                                                                                     | 4         | 125        |
|              | 56              | 1280         | 25.50      | 17100      | 1.15         | FA 77<br>FAF 77<br>F 77<br>FF 77                                                    | 4         | 110        |
|              | 67              | 1070         | 21.43      | 18000      | 1.40         |                                                                                     | 4         | 115        |
|              | 73              | 990          | 19.70      | 18400      | 1.50         |                                                                                     | 4         | 115        |
|              | 82              | 880          | 17.49      | 18800      | 1.70         |                                                                                     | 4         | 125        |
|              | 91              | 785          | 15.64      | 19000      | 1.90         |                                                                                     |           |            |
|              | 102             | 705          | 14.06      | 18600      | 2.1          |                                                                                     |           |            |
|              | 117             | 610          | 12.20      | 18000      | 2.5          |                                                                                     |           |            |
|              | 131             | 545          | 10.93      | 17600      | 2.7          |                                                                                     |           |            |
|              | 154             | 465          | 9.30       | 16500      | 2.3          |                                                                                     |           |            |
|              | 173             | 415          | 8.26       | 16100      | 2.6          |                                                                                     |           |            |
|              | 194             | 370          | 7.39       | 15700      | 2.9          |                                                                                     |           |            |
|              | 215             | 335          | 6.64       | 15300      | 3.2          |                                                                                     |           |            |
|              | 248             | 290          | 5.76       | 14800      | 3.7          |                                                                                     |           |            |
|              | 277             | 260          | 5.16       | 14500      | 4.2          |                                                                                     |           |            |
|              | 334             | 215          | 4.28       | 13800      | 4.7          |                                                                                     |           |            |



## F系列减速机选型参数表

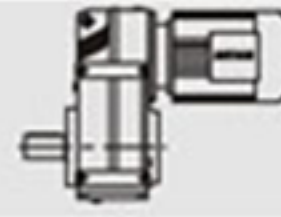
| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 9.2          | 4.1             | 19700        | 353        | 94800      | 0.90         |                                                                                     |           |            |
|              | 4.8             | 16900        | 302        | 103300     | 1.05         | FA                                                                                  | 157       | 830        |
|              | 5.3             | 15300        | 273        | 107400     | 1.20         | FAF                                                                                 | 157       | 880        |
|              | 6.2             | 13000        | 232        | 112400     | 1.40         | F                                                                                   | 157       | 850        |
|              | 7.1             | 11300        | 202        | 115300     | 1.60         | FF                                                                                  | 157       | 950        |
|              | 7.3             | 11000        | 197        | 115800     | 1.65         |                                                                                     |           |            |
|              | 5.6             | 14500        | 259        | 85600      | 0.85         | FA                                                                                  | 127       | 510        |
|              | 6.4             | 12500        | 223        | 89400      | 0.95         | FAF                                                                                 | 127       | 550        |
|              | 7.3             | 11100        | 198        | 90000      | 1.10         | F                                                                                   | 127       | 550        |
|              |                 |              |            |            |              | FF                                                                                  | 127       | 590        |
|              | 8.4             | 10400        | 170.83     | 90000      | 1.15         | FA                                                                                  | 127       | 445        |
|              | 9.4             | 9380         | 153.67     | 90000      | 1.30         | FAF                                                                                 | 127       | 485        |
|              | 11              | 7650         | 125.37     | 90000      | 1.55         | F                                                                                   | 127       | 485        |
|              | 13              | 6980         | 114.34     | 90000      | 1.70         | FF                                                                                  | 127       | 530        |
|              | 15              | 6040         | 98.95      | 90000      | 2.0          |                                                                                     |           |            |
|              | 9.8             | 8940         | 146.49     | 46300      | 0.85         | FA                                                                                  | 107       | 300        |
|              | 11              | 7930         | 129.97     | 49100      | 0.95         | FAF                                                                                 | 107       | 320        |
|              | 12              | 7200         | 117.94     | 51100      | 1.05         | F                                                                                   | 107       | 315        |
|              | 14              | 6180         | 101.38     | 53600      | 1.25         | FF                                                                                  | 107       | 345        |
|              | 16              | 5640         | 92.47      | 54900      | 1.35         |                                                                                     |           |            |
|              | 17              | 5120         | 83.99      | 56000      | 1.50         | FA                                                                                  | 107       | 300        |
|              | 19              | 4550         | 74.52      | 57300      | 1.70         | FAF                                                                                 | 107       | 320        |
|              | 21              | 4130         | 67.62      | 58200      | 1.85         | F                                                                                   | 107       | 315        |
|              | 25              | 3550         | 58.12      | 58300      | 2.2          | FF                                                                                  | 107       | 345        |
|              | 28              | 3100         | 50.73      | 56800      | 2.5          |                                                                                     |           |            |
|              | 18              | 4900         | 80.31      | 18700      | 0.90         | FA                                                                                  | 97        | 225        |
|              | 19              | 4610         | 75.63      | 28900      | 0.95         | FAF                                                                                 | 97        | 245        |
|              | 20              | 4410         | 72.29      | 29600      | 0.95         | F                                                                                   | 97        | 230        |
|              | 22              | 3990         | 65.47      | 29600      | 1.10         | FF                                                                                  | 97        | 265        |
|              | 25              | 3540         | 58.06      | 29500      | 1.20         |                                                                                     |           |            |
|              | 27              | 3200         | 52.49      | 29300      | 1.35         | FA                                                                                  | 97        | 225        |
|              | 32              | 2710         | 44.49      | 28800      | 1.60         | FAF                                                                                 | 97        | 245        |
|              | 37              | 2370         | 38.86      | 28400      | 1.80         | F                                                                                   | 97        | 230        |
|              | 44              | 1980         | 32.50      | 27600      | 2.2          | FF                                                                                  | 97        | 265        |
|              | 42              | 2070         | 33.91      | 27800      | 2.1          | FA                                                                                  | 97        | 220        |
|              | 47              | 1850         | 30.39      | 27300      | 2.3          | FAF                                                                                 | 97        | 240        |
|              | 52              | 1670         | 27.44      | 26800      | 2.6          | F                                                                                   | 97        | 225        |
|              | 58              | 1520         | 24.92      | 26300      | 2.8          | FF                                                                                  | 97        | 260        |
|              | 29              | 3070         | 50.36      | 16000      | 0.95         | FA                                                                                  | 87        | 160        |
|              | 32              | 2760         | 45.28      | 16200      | 1.00         | FAF                                                                                 | 87        | 175        |
|              | 37              | 2400         | 39.30      | 16400      | 1.15         | F                                                                                   | 87        | 165        |
|              | 41              | 2150         | 35.19      | 16400      | 1.20         | FF                                                                                  | 87        | 180        |
|              | 49              | 1780         | 29.20      | 16300      | 1.40         |                                                                                     |           |            |
|              | 54              | 1620         | 26.50      | 16200      | 1.85         | FA                                                                                  | 87        | 155        |
|              | 61              | 1440         | 23.68      | 16100      | 2.1          | FAF                                                                                 | 87        | 170        |
|              | 68              | 1300         | 21.32      | 15900      | 2.3          | F                                                                                   | 87        | 165        |
|              | 75              | 1180         | 19.31      | 15700      | 2.5          | FF                                                                                  | 87        | 180        |
|              | 84              | 1040         | 17.12      | 15400      | 2.9          |                                                                                     |           |            |
|              | 93              | 940          | 15.48      | 15200      | 3.2          |                                                                                     |           |            |
|              | 110             | 800          | 13.12      | 14700      | 3.8          |                                                                                     |           |            |
|              | 73              | 1200         | 19.70      | 17400      | 1.25         |                                                                                     |           |            |
|              | 82              | 1070         | 17.49      | 18000      | 1.40         |                                                                                     |           |            |
|              | 92              | 950          | 15.64      | 18300      | 1.55         |                                                                                     |           |            |
|              | 102             | 860          | 14.06      | 18000      | 1.75         |                                                                                     |           |            |
|              | 118             | 745          | 12.20      | 17500      | 2.0          | FA                                                                                  | 77        | 120        |
|              | 132             | 665          | 10.93      | 17100      | 2.2          | FAF                                                                                 | 77        | 125        |
|              | 155             | 570          | 9.30       | 16000      | 1.90         | F                                                                                   | 77        | 125        |
|              | 174             | 505          | 8.26       | 15600      | 2.1          | FF                                                                                  | 77        | 135        |
|              | 195             | 450          | 7.39       | 15300      | 2.4          |                                                                                     |           |            |
|              | 217             | 405          | 6.64       | 15000      | 2.7          |                                                                                     |           |            |
|              | 250             | 350          | 5.76       | 14500      | 3.1          |                                                                                     |           |            |
|              | 279             | 315          | 5.16       | 14200      | 3.4          |                                                                                     |           |            |
|              | 336             | 260          | 4.28       | 13600      | 3.9          |                                                                                     |           |            |



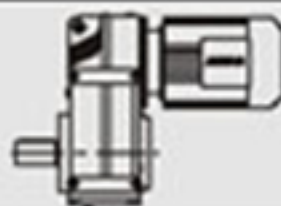
| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 11.0         | 4.8             | 20300        | 302        | 92800      | 0.90         | FA                                                                                  | 157       | 830        |
|              | 5.3             | 18300        | 273        | 99300      | 1.00         | FAF                                                                                 | 157       | 890        |
|              | 6.2             | 15500        | 232        | 106900     | 1.15         | F                                                                                   | 157       | 850        |
|              | 7.1             | 13500        | 202        | 111200     | 1.35         | FF                                                                                  | 157       | 960        |
|              | 7.3             | 13200        | 197        | 112000     | 1.35         |                                                                                     |           |            |
|              | 6.4             | 15000        | 223        | 84500      | 0.80         | FA                                                                                  | 127       | 510        |
|              | 7.3             | 13300        | 198        | 88000      | 0.90         | FAF                                                                                 | 127       | 550        |
|              | 8.7             | 11100        | 166        | 90000      | 1.10         | F                                                                                   | 127       | 550        |
|              |                 |              |            |            |              | FF                                                                                  | 127       | 600        |
|              | 5.1             | 20700        | 141.80     | 91300      | 0.85         | FA                                                                                  | 157       | 810        |
|              | 5.8             | 18300        | 125.14     | 99500      | 1.00         | FAF                                                                                 | 157       | 870        |
|              | 6.6             | 15800        | 108.49     | 106100     | 1.15         | F                                                                                   | 157       | 830        |
|              | 7.5             | 14100        | 96.53      | 110100     | 1.30         | FF                                                                                  | 157       | 940        |
|              | 5.4             | 19500        | 178.20     | 95500      | 0.90         |                                                                                     |           |            |
|              | 5.9             | 17800        | 162.96     | 100800     | 1.00         |                                                                                     |           |            |
|              | 6.8             | 15500        | 141.80     | 106900     | 1.15         | FA                                                                                  | 157       | 740        |
|              | 7.7             | 13700        | 125.14     | 110900     | 1.30         | FAF                                                                                 | 157       | 800        |
|              | 8.9             | 11900        | 108.49     | 114300     | 1.50         | F                                                                                   | 157       | 760        |
|              | 9.9             | 10600        | 96.53      | 116400     | 1.70         | FF                                                                                  | 157       | 870        |
|              | 11              | 9390         | 85.80      | 118100     | 1.90         |                                                                                     |           |            |
|              | 12              | 8590         | 78.46      | 119100     | 2.1          |                                                                                     |           |            |
|              | 5.4             | 19500        | 267.43     | 95500      | 0.90         |                                                                                     |           |            |
|              | 6.6             | 15900        | 217.62     | 106000     | 1.15         |                                                                                     |           |            |
|              | 8.1             | 13000        | 178.20     | 112300     | 1.40         | FA                                                                                  | 157       | 710        |
|              | 8.8             | 11900        | 162.96     | 114300     | 1.50         | FAF                                                                                 | 157       | 770        |
|              | 10              | 10300        | 141.80     | 116800     | 1.75         | F                                                                                   | 157       | 730        |
|              | 12              | 9130         | 125.14     | 118400     | 1.95         | FF                                                                                  | 157       | 840        |
|              | 13              | 7910         | 108.49     | 119900     | 2.3          |                                                                                     |           |            |
|              | 15              | 7040         | 96.53      | 120000     | 2.6          |                                                                                     |           |            |
|              | 17              | 6260         | 85.80      | 118100     | 2.9          |                                                                                     |           |            |
|              | 18              | 5720         | 78.46      | 115700     | 3.1          |                                                                                     |           |            |
|              | 21              | 4980         | 68.28      | 112000     | 3.6          |                                                                                     |           |            |
|              | 7.7             | 13700        | 125.37     | 87100      | 0.85         | FA                                                                                  | 127       | 485        |
|              | 8.4             | 12500        | 114.34     | 89500      | 0.95         | FAF                                                                                 | 127       | 520        |
|              | 9.7             | 10800        | 98.95      | 90000      | 1.10         | F                                                                                   | 127       | 520        |
|              | 11              | 9550         | 87.31      | 90000      | 1.25         | FF                                                                                  | 127       | 570        |
|              | 13              | 8250         | 75.41      | 90000      | 1.45         |                                                                                     |           |            |
|              | 8.4             | 12500        | 170.83     | 89500      | 0.95         | FA                                                                                  | 127       | 450        |
|              | 9.4             | 11200        | 153.67     | 90000      | 1.05         | FAF                                                                                 | 127       | 490        |
|              | 11              | 9150         | 125.37     | 90000      | 1.30         | F                                                                                   | 127       | 485        |
|              | 13              | 8340         | 114.34     | 90000      | 1.45         | FF                                                                                  | 127       | 530        |
|              | 15              | 7220         | 98.95      | 90000      | 1.65         |                                                                                     |           |            |
|              | 16              | 6370         | 87.31      | 90000      | 1.90         |                                                                                     |           |            |
|              | 19              | 5500         | 75.41      | 88600      | 2.2          |                                                                                     |           |            |
|              | 12              | 8600         | 117.94     | 47300      | 0.90         | FA                                                                                  | 107       | 305        |
|              | 14              | 7400         | 101.38     | 50600      | 1.05         | FAF                                                                                 | 107       | 325        |
|              | 16              | 6750         | 92.47      | 52200      | 1.15         | F                                                                                   | 107       | 320        |
|              |                 |              |            |            |              | FF                                                                                  | 107       | 345        |
|              | 17              | 6130         | 83.99      | 53700      | 1.25         |                                                                                     |           |            |
|              | 19              | 5440         | 74.52      | 55300      | 1.40         | FA                                                                                  | 107       | 305        |
|              | 21              | 4930         | 67.62      | 56500      | 1.55         | FAF                                                                                 | 107       | 325        |
|              | 25              | 4240         | 58.12      | 56400      | 1.80         | F                                                                                   | 107       | 320        |
|              | 28              | 3700         | 50.73      | 55100      | 2.1          | FF                                                                                  | 107       | 345        |
|              | 33              | 3140         | 43.03      | 53500      | 2.5          |                                                                                     |           |            |
|              | 43              | 2470         | 33.79      | 51000      | 3.0          | FA                                                                                  | 107       | 295        |
|              | 52              | 2010         | 27.57      | 48800      | 3.9          | FAF                                                                                 | 107       | 315        |
|              | 57              | 1830         | 25.14      | 47800      | 4.3          | F                                                                                   | 107       | 310        |
|              |                 |              |            |            |              | FF                                                                                  | 107       | 335        |
|              | 22              | 4780         | 65.47      | 24000      | 0.90         | FA                                                                                  | 97        | 230        |
|              | 25              | 4240         | 58.06      | 27100      | 1.00         | FAF                                                                                 | 97        | 250        |
|              | 27              | 3830         | 52.49      | 27100      | 1.10         | F                                                                                   | 97        | 235        |
|              |                 |              |            |            |              | FF                                                                                  | 97        | 270        |
|              | 32              | 3250         | 44.49      | 27000      | 1.30         | FA                                                                                  | 97        | 230        |
|              | 37              | 2830         | 38.86      | 26700      | 1.50         | FAF                                                                                 | 97        | 250        |
|              | 44              | 2370         | 32.50      | 26200      | 1.80         | F                                                                                   | 97        | 235        |
|              |                 |              |            |            |              | FF                                                                                  | 97        | 270        |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |     |      |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|-----|------|
| 11.0         | 42              | 2470         | 33.91      | 26400      | 1.75         | FA<br>FAF<br>F<br>FF                                                                | 97        | 4          | 225 |      |
|              | 47              | 2220         | 30.39      | 26000      | 1.95         |                                                                                     | 97        | 4          | 245 |      |
|              | 52              | 2000         | 27.44      | 25600      | 2.2          |                                                                                     | 97        | 4          | 230 |      |
|              | 58              | 1820         | 24.92      | 25200      | 2.4          |                                                                                     | 97        | 4          | 265 |      |
|              | 65              | 1610         | 22.11      | 24700      | 2.7          |                                                                                     | 97        | 4          | 265 |      |
|              | 37              | 2870         | 39.30      | 14600      | 0.95         | FA<br>FAF<br>F<br>FF                                                                | 87        | 4          | 165 |      |
|              | 41              | 2570         | 35.19      | 14800      | 1.00         |                                                                                     | 87        | 4          | 175 |      |
|              | 49              | 2130         | 29.20      | 15000      | 1.20         |                                                                                     | 87        | 4          | 170 |      |
|              |                 |              |            |            |              |                                                                                     | 87        | 4          | 185 |      |
|              | 54              | 1930         | 26.50      | 15000      | 1.55         | FA<br>FAF<br>F<br>FF                                                                | 87        | 4          | 160 |      |
|              | 61              | 1730         | 23.68      | 15000      | 1.75         |                                                                                     | 87        | 4          | 175 |      |
|              | 68              | 1560         | 21.32      | 14900      | 1.95         |                                                                                     | 87        | 4          | 165 |      |
|              | 75              | 1410         | 19.31      | 14800      | 2.1          |                                                                                     | 87        | 4          | 180 |      |
|              | 84              | 1250         | 17.12      | 14600      | 2.4          |                                                                                     | 87        | 4          |     |      |
|              | 93              | 1130         | 15.48      | 14400      | 2.7          |                                                                                     | 87        | 4          |     |      |
|              | 110             | 960          | 13.12      | 14100      | 3.1          |                                                                                     | 87        | 4          |     |      |
|              | 73              | 1440         | 19.70      | 16100      | 1.05         | FA<br>FAF<br>F<br>FF                                                                | 77        | 4          | 125 |      |
|              | 82              | 1280         | 17.49      | 17100      | 1.20         |                                                                                     | 77        | 4          | 130 |      |
|              | 92              | 1140         | 15.64      | 17600      | 1.30         |                                                                                     | 77        | 4          | 130 |      |
|              | 102             | 1030         | 14.06      | 17400      | 1.45         |                                                                                     | 77        | 4          | 140 |      |
|              | 118             | 890          | 12.20      | 17000      | 1.70         |                                                                                     | 77        | 4          |     |      |
|              | 132             | 795          | 10.93      | 16700      | 1.90         |                                                                                     | 77        | 4          |     |      |
|              | 155             | 680          | 9.30       | 15500      | 1.60         |                                                                                     | 77        | 4          |     |      |
|              | 174             | 605          | 8.26       | 15200      | 1.80         |                                                                                     | 77        | 4          |     |      |
|              | 195             | 540          | 7.39       | 14900      | 2.0          |                                                                                     | 77        | 4          |     |      |
|              | 217             | 485          | 6.64       | 14600      | 2.2          |                                                                                     | 77        | 4          |     |      |
|              | 250             | 420          | 5.76       | 14200      | 2.6          |                                                                                     | 77        | 4          |     |      |
|              | 279             | 375          | 5.16       | 13900      | 2.9          |                                                                                     | 77        | 4          |     |      |
|              | 336             | 310          | 4.28       | 13300      | 3.2          |                                                                                     | 77        | 4          |     |      |
| 15.0         | 6.3             | 20900        | 232        | 90400      | 0.85         | FA<br>FAF<br>F<br>FF                                                                | 157       | R97        | 4   | 870  |
|              | 7.2             | 18300        | 202        | 99500      | 1.00         |                                                                                     | 157       | R97        | 4   | 930  |
|              | 7.4             | 17700        | 197        | 101000     | 1.00         |                                                                                     | 157       | R97        | 4   | 890  |
|              |                 |              |            |            |              |                                                                                     | 157       | R97        | 4   | 1000 |
|              | 6.8             | 20900        | 141.80     | 90400      | 0.85         | FA<br>FAF<br>F<br>FF                                                                | 157       |            | 6   | 810  |
|              | 7.8             | 18500        | 125.14     | 98800      | 0.95         |                                                                                     | 157       |            | 6   | 870  |
|              | 8.9             | 16000        | 108.49     | 105700     | 1.10         |                                                                                     | 157       |            | 6   | 830  |
|              | 10              | 14300        | 96.53      | 109800     | 1.25         |                                                                                     | 157       |            | 6   | 940  |
|              | 11              | 12700        | 85.80      | 112900     | 1.40         |                                                                                     | 157       |            | 6   |      |
|              | 6.7             | 21400        | 217.62     | 88800      | 0.85         | FA<br>FAF<br>F<br>FF                                                                | 157       |            | 4   | 740  |
|              | 8.2             | 17500        | 178.20     | 101800     | 1.05         |                                                                                     | 157       |            | 4   | 800  |
|              | 9.0             | 16000        | 162.96     | 105700     | 1.15         |                                                                                     | 157       |            | 4   | 760  |
|              | 10              | 13900        | 141.80     | 110500     | 1.30         |                                                                                     | 157       |            | 4   | 870  |
|              | 12              | 12300        | 125.14     | 113600     | 1.45         |                                                                                     | 157       |            | 4   |      |
|              | 13              | 10600        | 108.49     | 116300     | 1.70         |                                                                                     | 157       |            | 4   |      |
|              | 15              | 9470         | 96.53      | 115800     | 1.90         |                                                                                     | 157       |            | 4   |      |
|              | 17              | 8420         | 85.80      | 113200     | 2.1          |                                                                                     | 157       |            | 4   |      |
|              | 19              | 7700         | 78.46      | 111200     | 2.3          |                                                                                     | 157       |            | 4   |      |
|              | 21              | 6700         | 68.28      | 108000     | 2.7          |                                                                                     | 157       |            | 4   |      |
|              | 24              | 5910         | 60.25      | 105100     | 3.0          |                                                                                     | 157       |            | 4   |      |
|              | 9.8             | 14600        | 98.95      | 85300      | 0.80         | FA<br>FAF<br>F<br>FF                                                                | 127       |            | 6   | 550  |
|              | 11              | 12900        | 87.31      | 88700      | 0.95         |                                                                                     | 127       |            | 6   | 590  |
|              | 13              | 11100        | 75.41      | 88300      | 1.10         |                                                                                     | 127       |            | 6   | 590  |
|              | 14              | 10300        | 70.07      | 87600      | 1.15         |                                                                                     | 127       |            | 6   | 630  |
|              | 15              | 9440         | 63.91      | 86700      | 1.25         |                                                                                     | 127       |            | 6   |      |
|              | 12              | 12300        | 125.37     | 89000      | 1.00         | FA<br>FAF<br>F<br>FF                                                                | 127       |            | 4   | 485  |
|              | 13              | 11200        | 114.34     | 88300      | 1.05         |                                                                                     | 127       |            | 4   | 520  |
|              | 15              | 9710         | 98.95      | 87000      | 1.25         |                                                                                     | 127       |            | 4   | 520  |
|              | 17              | 8570         | 87.31      | 85600      | 1.40         |                                                                                     | 127       |            | 4   | 570  |
|              | 19              | 7400         | 75.41      | 83800      | 1.60         |                                                                                     | 127       |            | 4   |      |
|              | 21              | 6870         | 70.07      | 82800      | 1.75         |                                                                                     | 127       |            | 4   |      |
|              | 16              | 9070         | 92.47      | 45900      | 0.85         | FA<br>FAF<br>F<br>FF                                                                | 107       |            | 4   | 345  |
|              | 17              | 8680         | 88.49      | 47100      | 0.90         |                                                                                     | 107       |            | 4   | 365  |
|              | 17              | 8240         | 83.99      | 48300      | 0.95         |                                                                                     | 107       |            | 4   | 360  |
|              | 20              | 7310         | 74.52      | 50800      | 1.05         |                                                                                     | 107       |            | 4   | 390  |
|              | 22              | 6630         | 67.62      | 52500      | 1.15         |                                                                                     | 107       |            | 4   |      |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |                          |                      |     |       |                           |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|--------------------------|----------------------|-----|-------|---------------------------|
| 15.0         | 25              | 5700         | 58.12      | 52200      | 1.35         | FA<br>FAF<br>F<br>FF                                                                | 107       | 4          | 345<br>365<br>360<br>390 |                      |     |       |                           |
|              | 29              | 4980         | 50.73      | 51500      | 1.55         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 34              | 4220         | 43.03      | 50400      | 1.80         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 39              | 3690         | 37.61      | 49300      | 2.1          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 46              | 3120         | 31.80      | 48000      | 2.5          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 43              | 3320         | 33.79      | 48500      | 2.2          | FA<br>FAF<br>F<br>FF                                                                | 107       | 4          | 335<br>355<br>350<br>380 |                      |     |       |                           |
|              | 53              | 2700         | 27.57      | 46700      | 2.9          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 58              | 2470         | 25.14      | 45900      | 3.2          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 67              | 2130         | 21.76      | 44500      | 3.7          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 33              | 4360         | 44.49      | 22900      | 1.00         | FA<br>FAF<br>F<br>FF                                                                | 97        | 4          | 270<br>290<br>275<br>310 |                      |     |       |                           |
|              | 38              | 3810         | 38.86      | 23100      | 1.15         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 45              | 3190         | 32.50      | 23200      | 1.35         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 43              | 3330         | 33.91      | 23200      | 1.30         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 48              | 2980         | 30.39      | 23200      | 1.45         | FA<br>FAF<br>F<br>FF                                                                | 97        | 4          | 265<br>285<br>270<br>305 |                      |     |       |                           |
|              | 53              | 2690         | 27.44      | 23100      | 1.60         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 59              | 2450         | 24.92      | 22900      | 1.75         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 66              | 2170         | 22.11      | 22600      | 2.0          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 73              | 1970         | 20.07      | 22400      | 2.2          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 85              | 1690         | 17.25      | 21900      | 2.5          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 97              | 1480         | 15.06      | 21400      | 2.9          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 114             | 1250         | 12.77      | 20800      | 3.4          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 131             | 1100         | 11.16      | 20200      | 3.7          | FA<br>FAF<br>F<br>FF                                                                | 87        | 4          | 200<br>215<br>205<br>220 |                      |     |       |                           |
|              | 55              | 2600         | 26.50      | 12300      | 1.15         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 62              | 2320         | 23.68      | 12600      | 1.30         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 68              | 2090         | 21.32      | 12700      | 1.45         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 76              | 1890         | 19.31      | 12800      | 1.60         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 85              | 1680         | 17.12      | 12900      | 1.80         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 94              | 1520         | 15.48      | 12800      | 2.0          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 111             | 1290         | 13.12      | 12700      | 2.3          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 127             | 1120         | 11.46      | 12600      | 2.7          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 152             | 940          | 9.58       | 12300      | 3.1          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 176             | 810          | 8.29       | 11700      | 1.90         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 199             | 720          | 7.35       | 11500      | 2.1          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 220             | 650          | 6.65       | 11300      | 2.3          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 259             | 555          | 5.63       | 11000      | 2.8          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 297             | 485          | 4.92       | 10700      | 3.2          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 355             | 405          | 4.12       | 10300      | 3.6          |                                                                                     |           |            |                          |                      |     |       |                           |
| 18.5         | 7.2             | 22500        | 202        | 76400      | 0.80         |                                                                                     |           |            |                          | FA<br>FAF<br>F<br>FF | 157 | R97 4 | 920<br>980<br>940<br>1050 |
|              | 7.5             | 21800        | 197        | 86800      | 0.80         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 8.2             | 21500        | 178.20     | 88200      | 0.85         | FA<br>FAF<br>F<br>FF                                                                | 157       | 4          | 790<br>850<br>820<br>920 |                      |     |       |                           |
|              | 9.0             | 19700        | 162.96     | 95000      | 0.90         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 10              | 17100        | 141.80     | 102800     | 1.05         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 12              | 15100        | 125.14     | 107900     | 1.20         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 14              | 13100        | 108.49     | 112100     | 1.40         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 15              | 11600        | 96.53      | 111300     | 1.55         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 17              | 10300        | 85.80      | 109300     | 1.75         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 19              | 9460         | 78.46      | 107600     | 1.90         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 21              | 8230         | 68.28      | 104900     | 2.2          | FA<br>FAF<br>F<br>FF                                                                | 127       | 4          | 540<br>570<br>570<br>620 |                      |     |       |                           |
|              | 24              | 7270         | 60.25      | 102300     | 2.5          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 28              | 6300         | 52.24      | 99300      | 2.9          |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 13              | 13800        | 114.34     | 82200      | 0.85         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 15              | 11900        | 98.95      | 81700      | 1.00         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 17              | 10500        | 87.31      | 80900      | 1.15         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 19              | 9090         | 75.41      | 79700      | 1.30         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 21              | 8450         | 70.07      | 79000      | 1.40         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 23              | 7710         | 63.91      | 78100      | 1.55         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 26              | 6670         | 55.31      | 76400      | 1.80         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 30              | 5880         | 48.80      | 74900      | 2.0          | FA<br>FAF<br>F<br>FF                                                                | 107       | 4          | 395<br>415<br>410<br>440 |                      |     |       |                           |
|              | 20              | 8990         | 74.52      | 46200      | 0.85         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 22              | 8150         | 67.62      | 48500      | 0.95         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 25              | 7010         | 58.12      | 48700      | 1.10         |                                                                                     |           |            |                          |                      |     |       |                           |
|              | 29              | 6120         | 50.73      | 48400      | 1.25         |                                                                                     |           |            |                          |                      |     |       |                           |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 18.5         | 34              | 5190         | 43.03      | 47700      | 1.50         | FA 107                                                                              | 4         | 395        |
|              | 39              | 4540         | 37.61      | 47000      | 1.70         | FAF 107                                                                             | 4         | 415        |
|              | 46              | 3830         | 31.80      | 46000      | 2.0          | F 107                                                                               | 4         | 410        |
|              |                 |              |            |            |              | FF 107                                                                              | 4         | 440        |
|              | 43              | 4070         | 33.79      | 46400      | 1.80         | FA 107                                                                              | 4         | 385        |
|              | 53              | 3320         | 27.57      | 45000      | 2.4          | FAF 107                                                                             | 4         | 405        |
|              | 58              | 3030         | 25.14      | 44300      | 2.6          | F 107                                                                               | 4         | 400        |
|              | 67              | 2620         | 21.76      | 43200      | 3.0          | FF 107                                                                              | 4         | 430        |
|              | 38              | 4690         | 38.86      | 20000      | 0.90         | FA 97                                                                               | 4         | 320        |
|              | 45              | 3920         | 32.50      | 20600      | 1.10         | FAF 97                                                                              | 4         | 340        |
|              |                 |              |            |            |              | F 97                                                                                | 4         | 325        |
|              |                 |              |            |            |              | FF 97                                                                               | 4         | 360        |
|              | 53              | 3310         | 27.44      | 20900      | 1.30         |                                                                                     |           |            |
|              | 59              | 3010         | 24.92      | 20900      | 1.45         |                                                                                     |           |            |
|              | 66              | 2670         | 22.11      | 20900      | 1.60         | FA 97                                                                               | 4         | 315        |
|              | 73              | 2420         | 20.07      | 20800      | 1.80         | FAF 97                                                                              | 4         | 335        |
|              | 85              | 2080         | 17.25      | 20500      | 2.1          | F 97                                                                                | 4         | 320        |
|              | 97              | 1820         | 15.06      | 20200      | 2.4          | FF 97                                                                               | 4         | 355        |
|              | 115             | 1540         | 12.77      | 19800      | 2.8          |                                                                                     |           |            |
|              | 131             | 1350         | 11.16      | 19300      | 3.0          |                                                                                     |           |            |
|              | 69              | 2570         | 21.32      | 10900      | 1.15         |                                                                                     |           |            |
|              | 76              | 2330         | 19.31      | 11100      | 1.30         |                                                                                     |           |            |
|              | 86              | 2060         | 17.12      | 11400      | 1.45         |                                                                                     |           |            |
|              | 95              | 1870         | 15.48      | 11500      | 1.60         |                                                                                     |           |            |
|              | 112             | 1580         | 13.12      | 11600      | 1.90         | FA 87                                                                               | 4         | 250        |
|              | 128             | 1380         | 11.46      | 11600      | 2.2          | FAF 87                                                                              | 4         | 265        |
|              | 153             | 1160         | 9.58       | 11500      | 2.5          | F 87                                                                                | 4         | 255        |
|              | 177             | 1000         | 8.29       | 10900      | 1.55         | FF 87                                                                               | 4         | 270        |
|              | 199             | 890          | 7.35       | 10800      | 1.75         |                                                                                     |           |            |
|              | 220             | 800          | 6.65       | 10700      | 1.90         |                                                                                     |           |            |
|              | 260             | 680          | 5.63       | 10400      | 2.2          |                                                                                     |           |            |
|              | 298             | 595          | 4.92       | 10200      | 2.6          |                                                                                     |           |            |
|              | 356             | 495          | 4.12       | 9900       | 2.9          |                                                                                     |           |            |
| 22           | 10              | 20900        | 96.53      | 90500      | 0.85         | FA 157                                                                              | 6         | 860        |
|              | 11              | 18600        | 85.80      | 98500      | 0.95         | FAF 157                                                                             | 6         | 920        |
|              | 12              | 17000        | 78.46      | 103100     | 1.05         | F 157                                                                               | 6         | 880        |
|              | 14              | 14800        | 68.28      | 107700     | 1.20         | FF 157                                                                              | 6         | 990        |
|              | 10              | 20300        | 141.80     | 92600      | 0.90         |                                                                                     |           |            |
|              | 12              | 17900        | 125.14     | 100400     | 1.00         |                                                                                     |           |            |
|              | 14              | 15600        | 108.49     | 106800     | 1.15         |                                                                                     |           |            |
|              | 15              | 13800        | 96.53      | 106900     | 1.30         |                                                                                     |           |            |
|              | 17              | 12300        | 85.80      | 105400     | 1.45         | FA 157                                                                              | 4         | 810        |
|              | 19              | 11300        | 78.46      | 104000     | 1.60         | FAF 157                                                                             | 4         | 870        |
|              | 21              | 9790         | 68.28      | 101700     | 1.85         | F 157                                                                               | 4         | 830        |
|              | 24              | 8640         | 60.25      | 99600      | 2.1          | FF 157                                                                              | 4         | 940        |
|              | 28              | 7490         | 52.24      | 97000      | 2.4          |                                                                                     |           |            |
|              | 32              | 6660         | 46.48      | 94800      | 2.7          |                                                                                     |           |            |
|              | 37              | 5740         | 40.06      | 91900      | 3.1          |                                                                                     |           |            |
|              | 45              | 4670         | 32.55      | 87800      | 3.9          |                                                                                     |           |            |
|              | 15              | 14200        | 98.95      | 76400      | 0.85         |                                                                                     |           |            |
|              | 17              | 12500        | 87.31      | 76300      | 0.95         |                                                                                     |           |            |
|              | 19              | 10800        | 75.41      | 75700      | 1.10         | FA 127                                                                              | 4         | 550        |
|              | 21              | 10000        | 70.07      | 75300      | 1.20         | FAF 127                                                                             | 4         | 590        |
|              | 23              | 9160         | 63.91      | 74700      | 1.30         | F 127                                                                               | 4         | 590        |
|              | 26              | 7930         | 55.31      | 73500      | 1.50         | FF 127                                                                              | 4         | 630        |
|              | 30              | 7000         | 48.80      | 72300      | 1.70         |                                                                                     |           |            |
|              | 35              | 6040         | 42.15      | 70700      | 2.0          |                                                                                     |           |            |
|              | 25              | 8330         | 58.12      | 45200      | 0.90         | FA 107                                                                              | 4         | 410        |
|              | 29              | 7280         | 50.73      | 45300      | 1.05         | FAF 107                                                                             | 4         | 430        |
|              | 34              | 6170         | 43.03      | 45100      | 1.25         | F 107                                                                               | 4         | 425        |
|              |                 |              |            |            |              | FF 107                                                                              | 4         | 450        |
|              | 39              | 5390         | 37.61      | 44800      | 1.40         | FA 107                                                                              | 4         | 410        |
|              | 46              | 4560         | 31.80      | 44100      | 1.70         | FAF 107                                                                             | 4         | 430        |
|              |                 |              |            |            |              | F 107                                                                               | 4         | 425        |
|              |                 |              |            |            |              | FF 107                                                                              | 4         | 450        |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------|
| 22           | 43              | 4850         | 33.79      | 44300      | 1.55         | FA 107<br>FAF 107<br>F 107<br>FF 107                                                | 4         | 400        |
|              | 53              | 3950         | 27.57      | 43300      | 2.0          |                                                                                     | 4         | 420        |
|              | 58              | 3610         | 25.14      | 42800      | 2.2          |                                                                                     | 4         | 415        |
|              | 67              | 3120         | 21.76      | 41900      | 2.5          |                                                                                     | 4         | 440        |
|              | 76              | 2750         | 19.20      | 41000      | 2.8          |                                                                                     | 4         | 440        |
|              | 53              | 3940         | 27.44      | 18700      | 1.10         | FA 97<br>FAF 97<br>F 97<br>FF 97                                                    | 4         | 330        |
|              | 59              | 3570         | 24.92      | 18900      | 1.20         |                                                                                     | 4         | 350        |
|              | 66              | 3170         | 22.11      | 19100      | 1.35         |                                                                                     | 4         | 335        |
|              | 73              | 2880         | 20.07      | 19200      | 1.50         |                                                                                     | 4         | 370        |
|              | 85              | 2470         | 17.25      | 19100      | 1.75         |                                                                                     | 4         |            |
|              | 97              | 2160         | 15.06      | 19000      | 2.0          |                                                                                     | 4         |            |
|              | 115             | 1830         | 12.77      | 18700      | 2.3          |                                                                                     | 4         |            |
|              | 131             | 1600         | 11.16      | 18400      | 2.6          |                                                                                     | 4         |            |
|              | 69              | 3060         | 21.32      | 8990       | 1.00         | FA 87<br>FAF 87<br>F 87<br>FF 87                                                    | 4         | 265        |
|              | 76              | 2770         | 19.31      | 9430       | 1.10         |                                                                                     | 4         | 280        |
|              | 86              | 2460         | 17.12      | 9850       | 1.20         |                                                                                     | 4         | 270        |
|              | 95              | 2220         | 15.48      | 10100      | 1.35         |                                                                                     | 4         | 285        |
|              | 112             | 1880         | 13.12      | 10400      | 1.60         |                                                                                     | 4         |            |
|              | 128             | 1640         | 11.46      | 10600      | 1.85         |                                                                                     | 4         |            |
|              | 153             | 1370         | 9.58       | 10600      | 2.1          |                                                                                     | 4         |            |
|              | 177             | 1190         | 8.29       | 10100      | 1.30         |                                                                                     | 4         |            |
|              | 199             | 1050         | 7.35       | 10100      | 1.45         |                                                                                     | 4         |            |
|              | 220             | 950          | 6.65       | 10000      | 1.60         |                                                                                     | 4         |            |
|              | 260             | 810          | 5.63       | 9900       | 1.90         |                                                                                     | 4         |            |
|              | 298             | 705          | 4.92       | 9750       | 2.2          |                                                                                     | 4         |            |
|              | 356             | 590          | 4.12       | 9500       | 2.5          |                                                                                     | 4         |            |
| 30           | 14              | 21100        | 108.49     | 89600      | 0.85         | FA 157<br>FAF 157<br>F 157<br>FF 157                                                | 4         | 860        |
|              | 15              | 18800        | 96.53      | 96900      | 0.95         |                                                                                     | 4         | 920        |
|              | 17              | 16700        | 85.80      | 96400      | 1.10         |                                                                                     | 4         | 880        |
|              | 19              | 15300        | 78.46      | 95800      | 1.20         |                                                                                     | 4         | 990        |
|              | 22              | 13300        | 68.28      | 94600      | 1.35         |                                                                                     | 4         |            |
|              | 24              | 11700        | 60.25      | 93300      | 1.55         |                                                                                     | 4         |            |
|              | 28              | 10200        | 52.24      | 91500      | 1.75         |                                                                                     | 4         |            |
|              | 32              | 9060         | 46.48      | 89900      | 2.0          | FA 127<br>FAF 127<br>F 127<br>FF 127                                                | 4         | 610        |
|              | 37              | 7810         | 40.06      | 87700      | 2.3          |                                                                                     | 4         | 650        |
|              | 19              | 14700        | 75.41      | 66600      | 0.80         |                                                                                     | 4         | 650        |
|              | 21              | 13700        | 70.07      | 66800      | 0.90         |                                                                                     | 4         | 650        |
|              | 23              | 12500        | 63.91      | 66900      | 0.95         |                                                                                     | 4         | 690        |
|              | 27              | 10800        | 55.31      | 66700      | 1.10         |                                                                                     | 4         |            |
|              | 30              | 9510         | 48.80      | 66300      | 1.25         |                                                                                     | 4         |            |
|              | 35              | 8210         | 42.15      | 65500      | 1.45         |                                                                                     | 4         |            |
|              | 39              | 7270         | 37.28      | 64700      | 1.65         | FA 127<br>FAF 127<br>F 127<br>FF 127                                                | 4         | 600        |
|              | 47              | 6110         | 31.33      | 63200      | 1.95         |                                                                                     | 4         | 630        |
|              | 58              | 4930         | 25.30      | 61200      | 2.4          |                                                                                     | 4         | 630        |
|              | 55              | 5240         | 26.86      | 61800      | 1.60         |                                                                                     | 4         | 680        |
|              | 60              | 4790         | 24.57      | 60900      | 1.80         | FA 107<br>FAF 107<br>F 107<br>FF 107                                                | 4         | 465        |
|              | 69              | 4170         | 21.38      | 59400      | 2.9          |                                                                                     | 4         | 485        |
|              | 78              | 3680         | 18.87      | 58000      | 3.0          |                                                                                     | 4         | 480        |
|              | 34              | 8390         | 43.03      | 39200      | 0.90         |                                                                                     | 4         | 510        |
|              | 39              | 7330         | 37.61      | 39600      | 1.05         | FA 107<br>FAF 107<br>F 107<br>FF 107                                                | 4         | 455        |
|              | 46              | 6200         | 31.80      | 39700      | 1.25         |                                                                                     | 4         | 475        |
|              | 53              | 5370         | 27.57      | 39500      | 1.45         |                                                                                     | 4         | 470        |
|              | 58              | 4900         | 25.14      | 39300      | 1.60         |                                                                                     | 4         | 495        |
|              | 68              | 4240         | 21.76      | 38800      | 1.85         | FA 107<br>FAF 107<br>F 107<br>FF 107                                                | 4         |            |
|              | 77              | 3740         | 19.20      | 38300      | 2.1          |                                                                                     | 4         |            |
|              | 89              | 3230         | 16.58      | 37600      | 2.4          |                                                                                     | 4         |            |
|              | 100             | 2860         | 14.67      | 36900      | 2.7          |                                                                                     | 4         |            |
|              | 119             | 2400         | 12.33      | 35900      | 2.9          |                                                                                     | 4         |            |
|              | 148             | 1940         | 9.96       | 34500      | 3.3          |                                                                                     | 4         |            |



## F系列减速机选型参数表

| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |                                          | 极数<br>[P] | 重量<br>[kg] |
|--------------|-----------------|--------------|------------|------------|--------------|-----------------------------------------------------------------------------------------------------------------------------|-----------|------------|
| 30           | 66              | 4310         | 22.11      | 15100      | 1.00         | <br>FA 97<br>FAF 97<br>F 97<br>FF 97     | 4         | 380        |
|              | 73              | 3910         | 20.07      | 15500      | 1.10         |                                                                                                                             |           |            |
|              | 85              | 3360         | 17.25      | 16000      | 1.30         |                                                                                                                             |           |            |
|              | 98              | 2930         | 15.06      | 16300      | 1.45         |                                                                                                                             |           |            |
|              | 115             | 2490         | 12.77      | 16400      | 1.75         |                                                                                                                             |           |            |
|              | 132             | 2180         | 11.16      | 16400      | 1.90         |                                                                                                                             |           |            |
|              | 162             | 1770         | 9.06       | 15400      | 1.35         |                                                                                                                             |           |            |
|              | 179             | 1600         | 8.22       | 15300      | 1.45         |                                                                                                                             |           |            |
|              | 208             | 1380         | 7.07       | 15100      | 1.70         |                                                                                                                             |           |            |
|              | 238             | 1200         | 6.17       | 14900      | 1.85         |                                                                                                                             |           |            |
|              | 281             | 1020         | 5.23       | 14600      | 2.1          |                                                                                                                             |           |            |
|              | 321             | 890          | 4.57       | 14300      | 2.3          |                                                                                                                             |           |            |
| 37           | 17              | 20600        | 85.80      | 88600      | 0.85         | <br>FA 157<br>FAF 157<br>F 157<br>FF 157 | 4         | 910        |
|              | 19              | 18900        | 78.46      | 88700      | 0.95         |                                                                                                                             |           |            |
|              | 22              | 16400        | 68.28      | 88400      | 1.10         |                                                                                                                             |           |            |
|              | 24              | 14500        | 60.25      | 87800      | 1.25         |                                                                                                                             |           |            |
|              | 28              | 12600        | 52.24      | 86800      | 1.45         |                                                                                                                             |           |            |
|              | 32              | 11200        | 46.48      | 85700      | 1.60         |                                                                                                                             |           |            |
|              | 37              | 9630         | 40.06      | 84000      | 1.85         |                                                                                                                             |           |            |
|              | 45              | 7820         | 32.55      | 81400      | 2.3          |                                                                                                                             |           |            |
|              | 53              | 6630         | 27.60      | 79100      | 2.7          |                                                                                                                             |           |            |
|              | 27              | 13300        | 55.31      | 60900      | 0.90         |                                                                                                                             |           |            |
|              | 30              | 11700        | 48.80      | 61100      | 1.00         |                                                                                                                             |           |            |
|              | 35              | 10100        | 42.15      | 61100      | 1.20         |                                                                                                                             |           |            |
|              | 39              | 8960         | 37.28      | 60700      | 1.35         |                                                                                                                             |           |            |
|              | 47              | 7530         | 31.33      | 59900      | 1.60         |                                                                                                                             |           |            |
|              | 58              | 6080         | 25.30      | 58500      | 1.95         |                                                                                                                             |           |            |
|              | 55              | 6460         | 26.86      | 58900      | 1.30         |                                                                                                                             |           |            |
|              | 60              | 5910         | 24.57      | 58300      | 1.45         |                                                                                                                             |           |            |
|              | 69              | 5140         | 21.38      | 57100      | 2.3          |                                                                                                                             |           |            |
|              | 78              | 4530         | 18.87      | 56000      | 2.4          |                                                                                                                             |           |            |
|              | 90              | 3930         | 16.36      | 54600      | 2.8          |                                                                                                                             |           |            |
|              | 101             | 3500         | 14.55      | 53400      | 3.1          |                                                                                                                             |           |            |
|              | 117             | 3010         | 12.54      | 51900      | 3.3          |                                                                                                                             |           |            |
|              | 144             | 2450         | 10.19      | 49600      | 3.9          |                                                                                                                             |           |            |
|              | 166             | 2130         | 8.86       | 47700      | 3.3          |                                                                                                                             |           |            |
|              | 186             | 1890         | 7.88       | 46500      | 3.2          |                                                                                                                             |           |            |
|              | 53              | 6630         | 27.57      | 36200      | 1.20         |                                                                                                                             |           |            |
|              | 58              | 6040         | 25.14      | 36200      | 1.30         |                                                                                                                             |           |            |
|              | 68              | 5230         | 21.76      | 36200      | 1.50         |                                                                                                                             |           |            |
|              | 77              | 4610         | 19.20      | 36000      | 1.70         |                                                                                                                             |           |            |
|              | 89              | 3990         | 16.58      | 35600      | 1.95         |                                                                                                                             |           |            |
|              | 100             | 3530         | 14.67      | 35100      | 2.2          |                                                                                                                             |           |            |
|              | 119             | 2960         | 12.33      | 34400      | 2.4          |                                                                                                                             |           |            |
|              | 148             | 2390         | 9.96       | 33300      | 2.7          |                                                                                                                             |           |            |
|              | 152             | 2330         | 9.69       | 32400      | 2.1          |                                                                                                                             |           |            |
|              | 176             | 2010         | 8.37       | 31700      | 2.4          |                                                                                                                             |           |            |
|              | 199             | 1780         | 7.40       | 31000      | 2.6          |                                                                                                                             |           |            |
|              | 236             | 1500         | 6.22       | 30000      | 3.1          |                                                                                                                             |           |            |
| 45           | 22              | 20000        | 68.28      | 81300      | 0.90         | <br>FA 157<br>FAF 157<br>F 157<br>FF 157 | 4         | 940        |
|              | 24              | 17600        | 60.25      | 81600      | 1.00         |                                                                                                                             |           |            |
|              | 28              | 15300        | 52.24      | 81300      | 1.20         |                                                                                                                             |           |            |
|              | 32              | 13600        | 46.48      | 80900      | 1.30         |                                                                                                                             |           |            |
|              | 37              | 11700        | 40.06      | 79900      | 1.55         |                                                                                                                             |           |            |
|              | 45              | 9510         | 32.55      | 78000      | 1.90         |                                                                                                                             |           |            |
|              | 53              | 8070         | 27.60      | 76200      | 2.2          |                                                                                                                             |           |            |
|              | 30              | 14300        | 48.80      | 55200      | 0.85         |                                                                                                                             |           |            |
|              | 35              | 12300        | 42.15      | 56000      | 0.95         |                                                                                                                             |           |            |
|              | 39              | 10900        | 37.28      | 56200      | 1.10         |                                                                                                                             |           |            |
|              | 47              | 9160         | 31.33      | 56100      | 1.30         |                                                                                                                             |           |            |
|              | 58              | 7400         | 25.30      | 55400      | 1.60         |                                                                                                                             |           |            |



| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB]                                                                        |  | 极数<br>[P] | 重量<br>[kg] |                                                                                     |                                                                                     |     |
|--------------|-----------------|--------------|------------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|
| 45           | 55              | 7850         | 26.86      | 55700      | 1.10                                                                                |  | 4         | 670        |                                                                                     |                                                                                     |     |
|              | 60              | 7180         | 24.57      | 55300      | 1.20                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 69              | 6250         | 21.38      | 54500      | 1.90                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 78              | 5520         | 18.87      | 53700      | 2.0                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 90              | 4780         | 16.36      | 52600      | 2.3                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 101             | 4250         | 14.55      | 51600      | 2.6                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 117             | 3670         | 12.54      | 50300      | 2.7                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 144             | 2980         | 10.19      | 48400      | 3.2                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 166             | 2590         | 8.86       | 46600      | 2.7                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 186             | 2300         | 7.88       | 45500      | 2.6                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 216             | 1990         | 6.80       | 44000      | 3.5                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 266             | 1610         | 5.52       | 42000      | 3.7                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 53              | 8060         | 27.57      | 32400      | 0.95                                                                                |  | 4         | 530        |                                                                                     |                                                                                     |     |
|              | 58              | 7350         | 25.14      | 32800      | 1.05                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 68              | 6360         | 21.76      | 33200      | 1.25                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 77              | 5610         | 19.20      | 33300      | 1.40                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 89              | 4850         | 16.58      | 33300      | 1.60                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 100             | 4290         | 14.67      | 33100      | 1.80                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 119             | 3600         | 12.33      | 32700      | 1.95                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 148             | 2910         | 9.96       | 31900      | 2.2                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 152             | 2830         | 9.69       | 31000      | 1.75                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 176             | 2450         | 8.37       | 30400      | 1.95                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 199          | 2160            | 7.40         | 29900      | 2.1        |  | 4                                                                                   | 570       |            |                                                                                     |                                                                                     |     |
| 236          | 1820            | 6.22         | 29100      | 2.5        |                                                                                     |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 55           | 24              | 21500        | 60.25      | 73800      | 0.85                                                                                |  | 4         | 1070       |                                                                                     |                                                                                     |     |
|              | 28              | 18600        | 52.24      | 74600      | 0.95                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 32              | 16500        | 46.48      | 74800      | 1.10                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 37              | 14300        | 40.06      | 74700      | 1.25                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 45              | 11600        | 32.55      | 73800      | 1.55                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 53              | 9830         | 27.60      | 72600      | 1.85                                                                                |  | 4         | 1200       |                                                                                     |                                                                                     |     |
|              | 52              | 10200        | 28.60      | 72900      | 1.65                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 58              | 9060         | 25.43      | 71900      | 1.65                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 67              | 7890         | 22.16      | 70600      | 2.3                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 75              | 7040         | 19.77      | 69400      | 2.4                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 88              | 6000         | 16.85      | 67600      | 3.0                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 40              | 13300        | 37.28      | 50600      | 0.90                                                                                |                                                                                     |           |            |  | 4                                                                                   | 810 |
|              | 47              | 11200        | 31.33      | 51400      | 1.10                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 58              | 9010         | 25.30      | 51600      | 1.35                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 69              | 7610         | 21.38      | 51300      | 1.60                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 78              | 6720         | 18.87      | 50800      | 1.65                                                                                |  | 4         | 800        |                                                                                     |                                                                                     |     |
|              | 90              | 5820         | 16.36      | 50100      | 1.90                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 101             | 5180         | 14.55      | 49400      | 2.1                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 118             | 4470         | 12.54      | 48400      | 2.2                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 145             | 3630         | 10.19      | 46800      | 2.6                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 166             | 3160         | 8.86       | 45100      | 2.2                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 187             | 2810         | 7.88       | 44200      | 2.1                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 217             | 2420         | 6.80       | 42900      | 2.9                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 267             | 1970         | 5.52       | 41100      | 3.0                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 315             | 1670         | 4.68       | 39600      | 3.6                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              | 75              | 32           | 22500      | 46.48      | 62900                                                                               |                                                                                     |           |            | 0.80                                                                                |  | 4   |
| 37           |                 | 19400        | 40.06      | 64400      | 0.95                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 45           |                 | 15800        | 32.55      | 65400      | 1.15                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 54           |                 | 13400        | 27.60      | 65500      | 1.35                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 52           |                 | 13800        | 28.60      | 65500      | 1.25                                                                                |  | 4         | 1190       |                                                                                     |                                                                                     |     |
| 58           |                 | 12300        | 25.43      | 65400      | 1.20                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 67           |                 | 10700        | 22.16      | 64900      | 1.70                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 75           |                 | 9570         | 19.77      | 64300      | 1.80                                                                                |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 88           |                 | 8150         | 16.85      | 63200      | 2.2                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 106          |                 | 6760         | 13.96      | 61600      | 2.5                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 124          |                 | 5770         | 11.92      | 60100      | 2.8                                                                                 |                                                                                     |           |            |                                                                                     |                                                                                     |     |
| 58           |                 | 12200        | 25.30      | 44000      | 1.00                                                                                |  | 4         | 950        |                                                                                     |                                                                                     |     |
|              |                 |              |            |            |                                                                                     |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              |                 |              |            |            |                                                                                     |                                                                                     |           |            |                                                                                     |                                                                                     |     |
|              |                 |              |            |            |                                                                                     |                                                                                     |           |            |                                                                                     |                                                                                     |     |

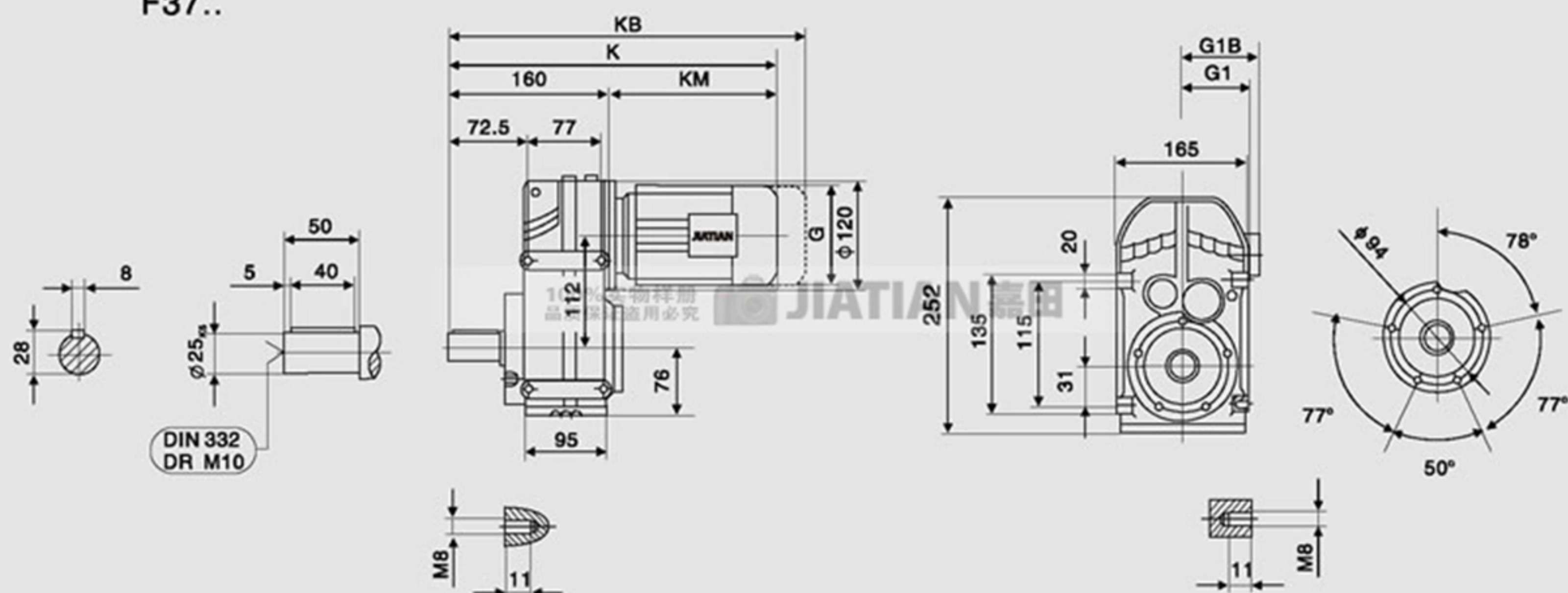


## F系列减速机选型参数表

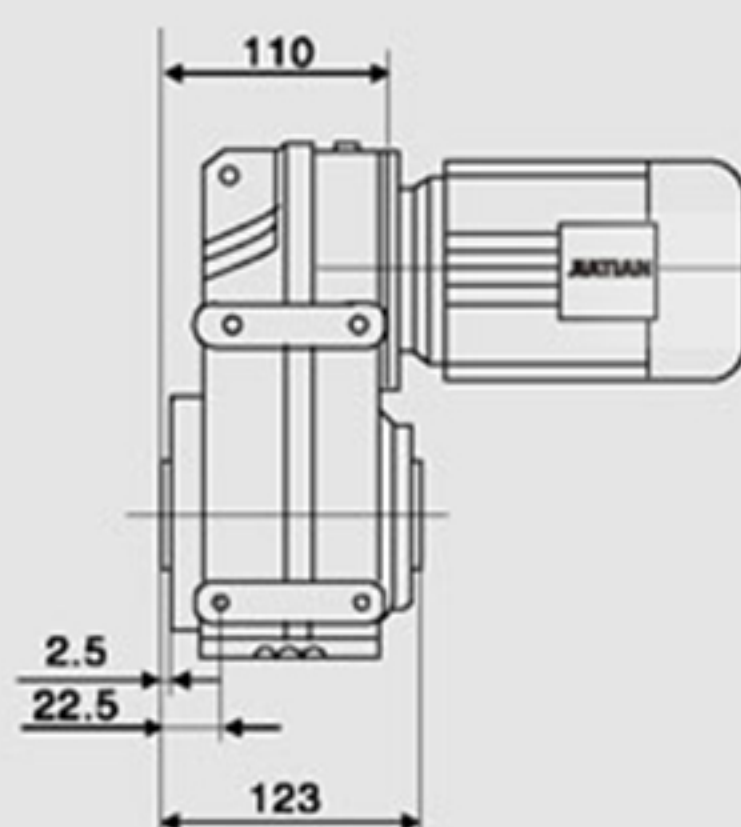
| 输入功率<br>[KW] | 输出转速<br>[r/min] | 输出扭矩<br>[Nm] | 减速比<br>[i] | 径向力<br>[N] | 服务系数<br>[fB] |  | 极数<br>[P] | 重量<br>[kg]                   |
|--------------|-----------------|--------------|------------|------------|--------------|-------------------------------------------------------------------------------------|-----------|------------------------------|
| 75           | 69              | 10300        | 21.38      | 44800      | 1.15         | FA 127<br>FAF 127<br>F 127<br>FF 127                                                | 4         | 940<br>970<br>970<br>1020    |
|              | 78              | 9130         | 18.87      | 45100      | 1.20         |                                                                                     |           |                              |
|              | 90              | 7920         | 16.36      | 45200      | 1.40         |                                                                                     |           |                              |
|              | 102             | 7040         | 14.55      | 45000      | 1.55         |                                                                                     |           |                              |
|              | 118             | 6070         | 12.54      | 44600      | 1.65         |                                                                                     |           |                              |
|              | 145             | 4930         | 10.19      | 43700      | 1.95         |                                                                                     |           |                              |
|              | 167             | 4290         | 8.86       | 42200      | 1.65         |                                                                                     |           |                              |
|              | 188             | 3810         | 7.88       | 41600      | 1.55         |                                                                                     |           |                              |
|              | 218             | 3290         | 6.80       | 40700      | 2.1          |                                                                                     |           |                              |
|              | 268             | 2670         | 5.52       | 39300      | 2.2          |                                                                                     |           |                              |
|              | 316             | 2270         | 4.68       | 38100      | 2.7          |                                                                                     |           |                              |
| 90           | 45              | 18900        | 32.55      | 59100      | 0.95         | FA 157<br>FAF 157<br>F 157<br>FF 157                                                | 4         | 1280<br>1330<br>1300<br>1400 |
|              | 54              | 16000        | 27.60      | 60200      | 1.10         |                                                                                     |           |                              |
|              | 52              | 16600        | 28.60      | 60000      | 1.00         | FA 157<br>FAF 157<br>F 157<br>FF 157                                                | 4         | 1270<br>1330<br>1290<br>1400 |
|              | 58              | 14800        | 25.43      | 60400      | 1.00         |                                                                                     |           |                              |
|              | 67              | 12900        | 22.16      | 60600      | 1.40         |                                                                                     |           |                              |
|              | 75              | 11500        | 19.77      | 60500      | 1.50         |                                                                                     |           |                              |
|              | 88              | 9790         | 16.85      | 59900      | 1.85         |                                                                                     |           |                              |
|              | 106             | 8110         | 13.96      | 58900      | 2.1          |                                                                                     |           |                              |
|              | 124             | 6920         | 11.92      | 57800      | 2.3          |                                                                                     |           |                              |
|              | 58              | 14700        | 25.30      | 33100      | 0.80         | FA 127<br>FAF 127<br>F 127<br>FF 127                                                | 4         | 1020<br>1060<br>1060<br>1100 |
|              | 69              | 12400        | 21.38      | 38800      | 0.95         |                                                                                     |           |                              |
|              | 78              | 11000        | 18.87      | 40900      | 1.00         |                                                                                     |           |                              |
|              | 90              | 9500         | 16.36      | 41500      | 1.15         |                                                                                     |           |                              |
|              | 102             | 8450         | 14.55      | 41700      | 1.30         | FA 127<br>FAF 127<br>F 127<br>FF 127                                                | 4         | 1010<br>1050<br>1050<br>1090 |
|              | 118             | 7280         | 12.54      | 41800      | 1.35         |                                                                                     |           |                              |
|              | 145             | 5920         | 10.19      | 41400      | 1.60         |                                                                                     |           |                              |
|              | 167             | 5150         | 8.86       | 40100      | 1.35         |                                                                                     |           |                              |
|              | 188             | 4580         | 7.88       | 39700      | 1.30         |                                                                                     |           |                              |
|              | 218             | 3950         | 6.80       | 39000      | 1.75         |                                                                                     |           |                              |
|              | 268             | 3210         | 5.52       | 37900      | 1.85         |                                                                                     |           |                              |
|              | 316             | 2720         | 4.68       | 36900      | 2.2          |                                                                                     |           |                              |
| 110          | 54              | 19500        | 27.60      | 53100      | 0.90         | FA 157<br>FAF 157<br>F 157<br>FF 157                                                | 4         | 1460<br>1520<br>1480<br>1590 |
|              | 67              | 15700        | 22.16      | 54900      | 1.15         | FA 157<br>FAF 157<br>F 157<br>FF 157                                                | 4         | 1460<br>1520<br>1480<br>1580 |
|              | 75              | 14000        | 19.77      | 55400      | 1.20         |                                                                                     |           |                              |
|              | 88              | 11900        | 16.85      | 55600      | 1.50         |                                                                                     |           |                              |
|              | 106             | 9880         | 13.96      | 55300      | 1.70         |                                                                                     |           |                              |
|              | 125             | 8430         | 11.92      | 54700      | 1.90         |                                                                                     |           |                              |
| 132          | 67              | 18800        | 22.16      | 48700      | 0.95         | FA 157<br>FAF 157<br>F 157<br>FF 157                                                | 4         | 1560<br>1620<br>1580<br>1680 |
|              | 75              | 16800        | 19.77      | 49800      | 1.00         |                                                                                     |           |                              |
|              | 88              | 14300        | 16.85      | 50900      | 1.25         |                                                                                     |           |                              |
|              | 106             | 11900        | 13.96      | 51400      | 1.45         |                                                                                     |           |                              |
|              | 125             | 10100        | 11.92      | 51400      | 1.60         |                                                                                     |           |                              |
| 160          | 88              | 17300        | 16.85      | 44800      | 1.05         | FA 157<br>FAF 157<br>F 157<br>FF 157                                                | 4         | 1560<br>1620<br>1580<br>1680 |
|              | 106             | 14400        | 13.96      | 46400      | 1.20         |                                                                                     |           |                              |
|              | 125             | 12300        | 11.92      | 47100      | 1.30         |                                                                                     |           |                              |
|              |                 |              |            |            |              |                                                                                     |           |                              |
| 200          | 88              | 21700        | 16.85      | 36100      | 0.85         | FA 157<br>FAF 157<br>F 157<br>FF 157                                                | 4         | 1560<br>1620<br>1580<br>1680 |
|              | 106             | 18000        | 13.96      | 39200      | 0.95         |                                                                                     |           |                              |
|              | 125             | 15300        | 11.92      | 41000      | 1.05         |                                                                                     |           |                              |
|              |                 |              |            |            |              |                                                                                     |           |                              |



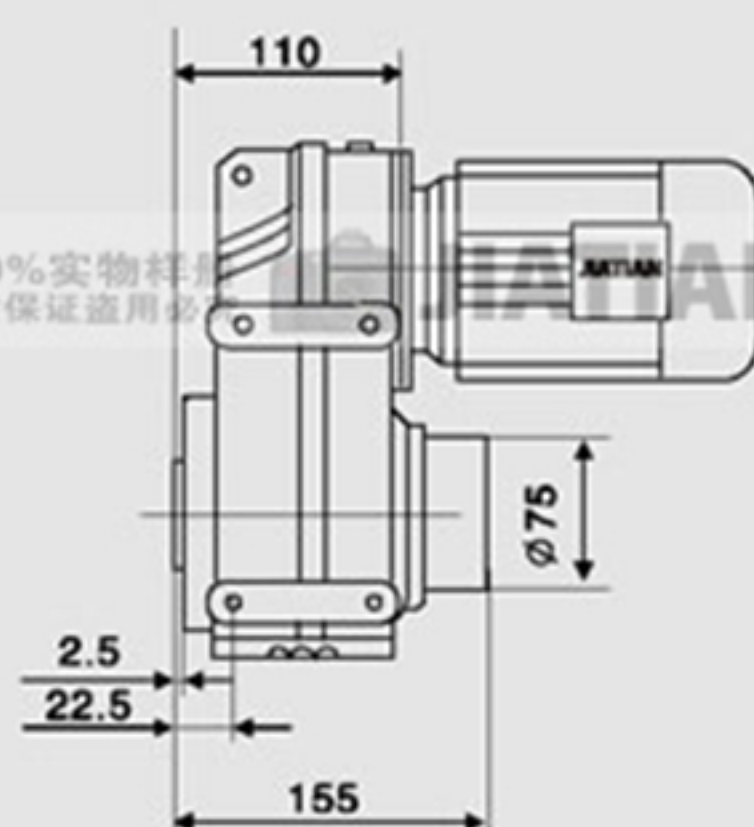
### F37..



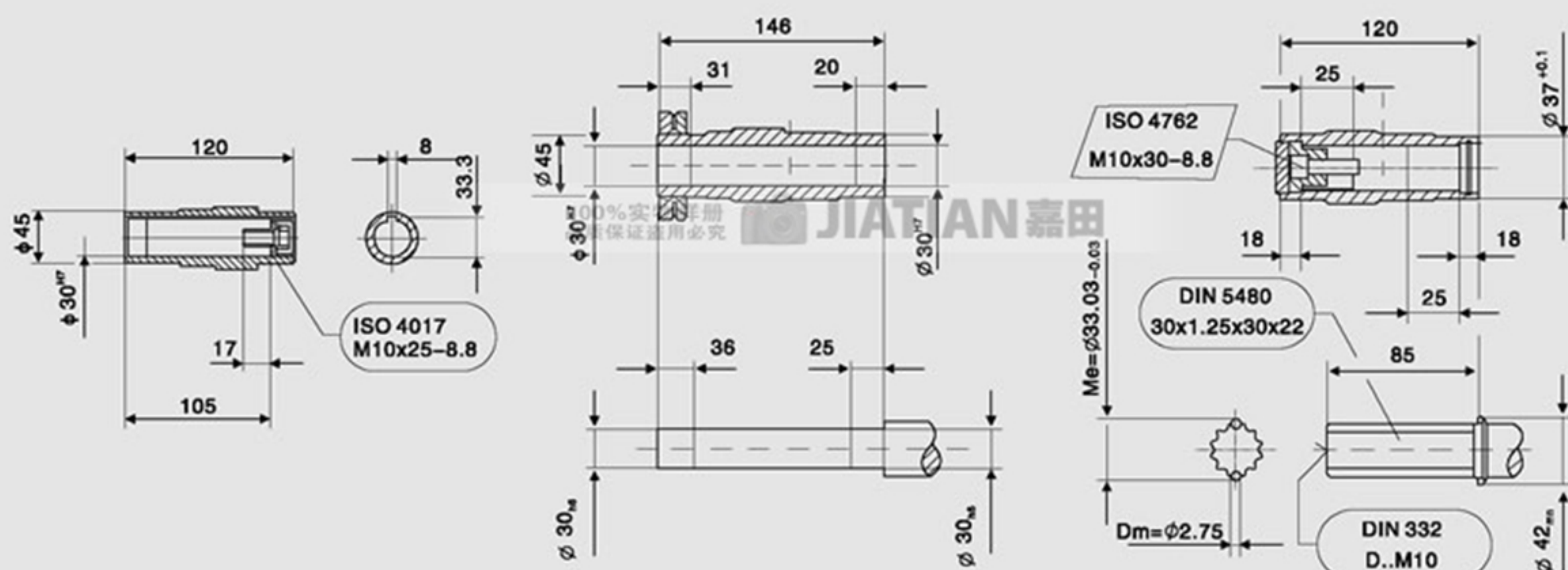
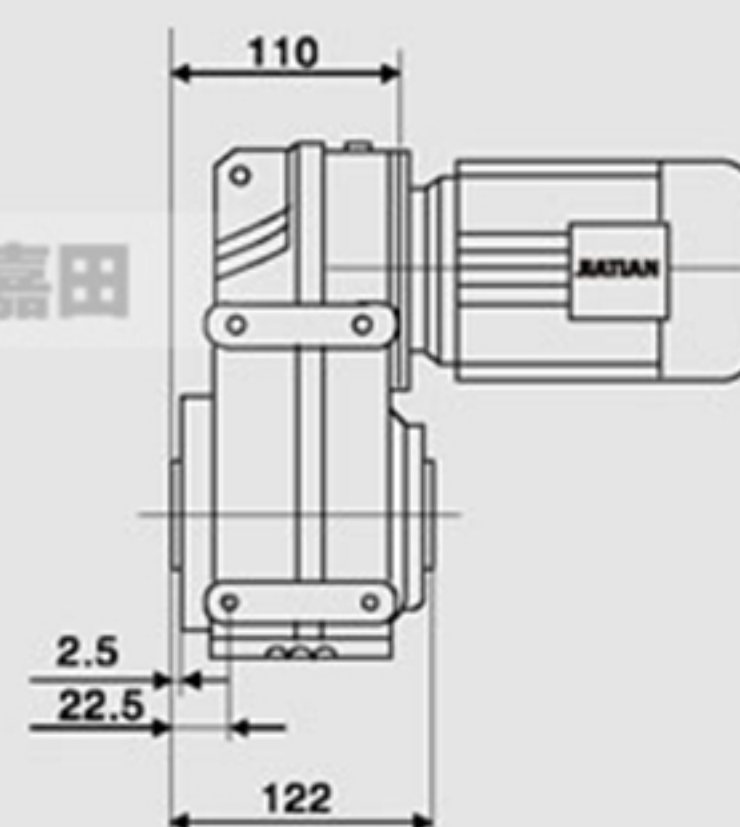
### FAB37..



### FHB37..



### FVB37..

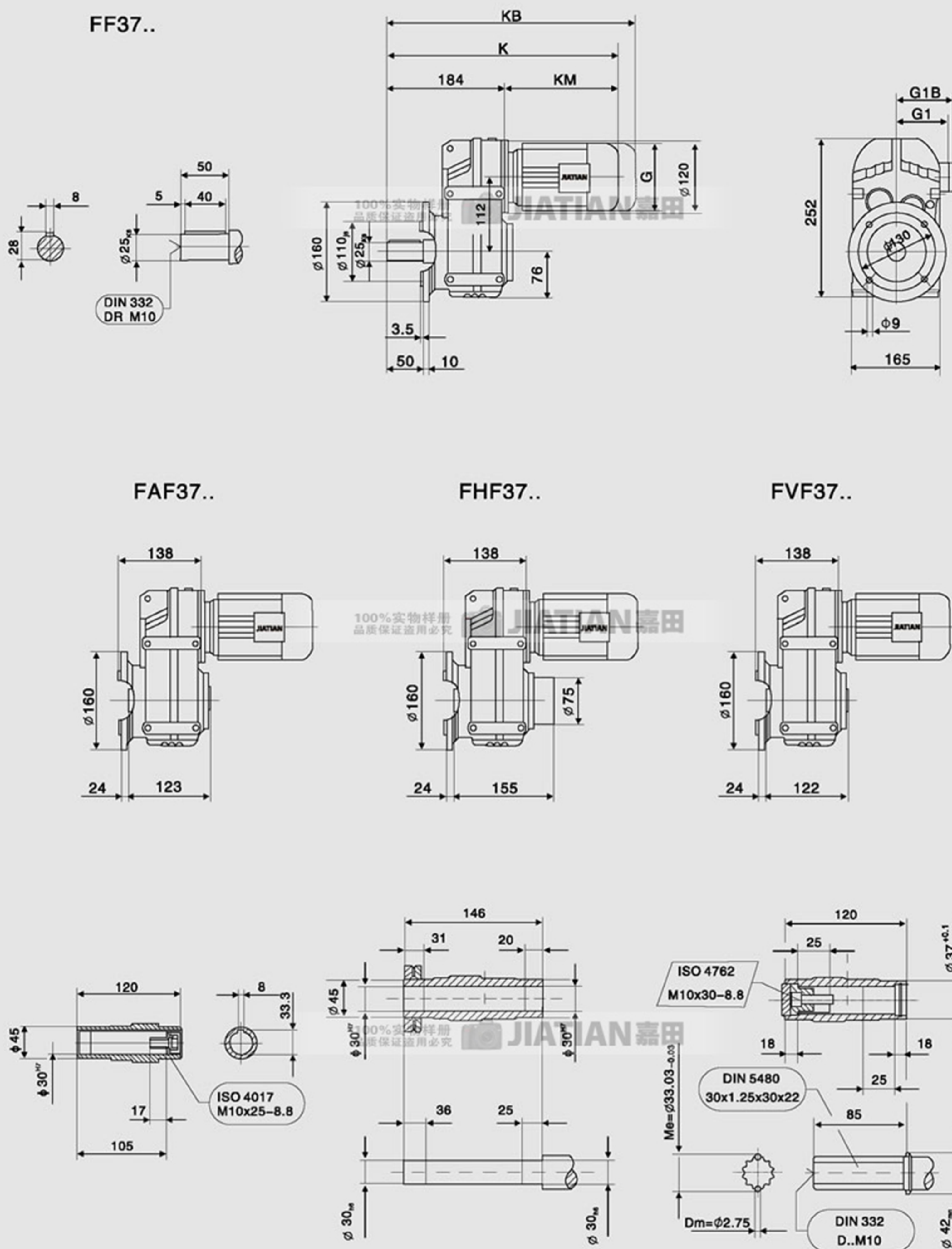


注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



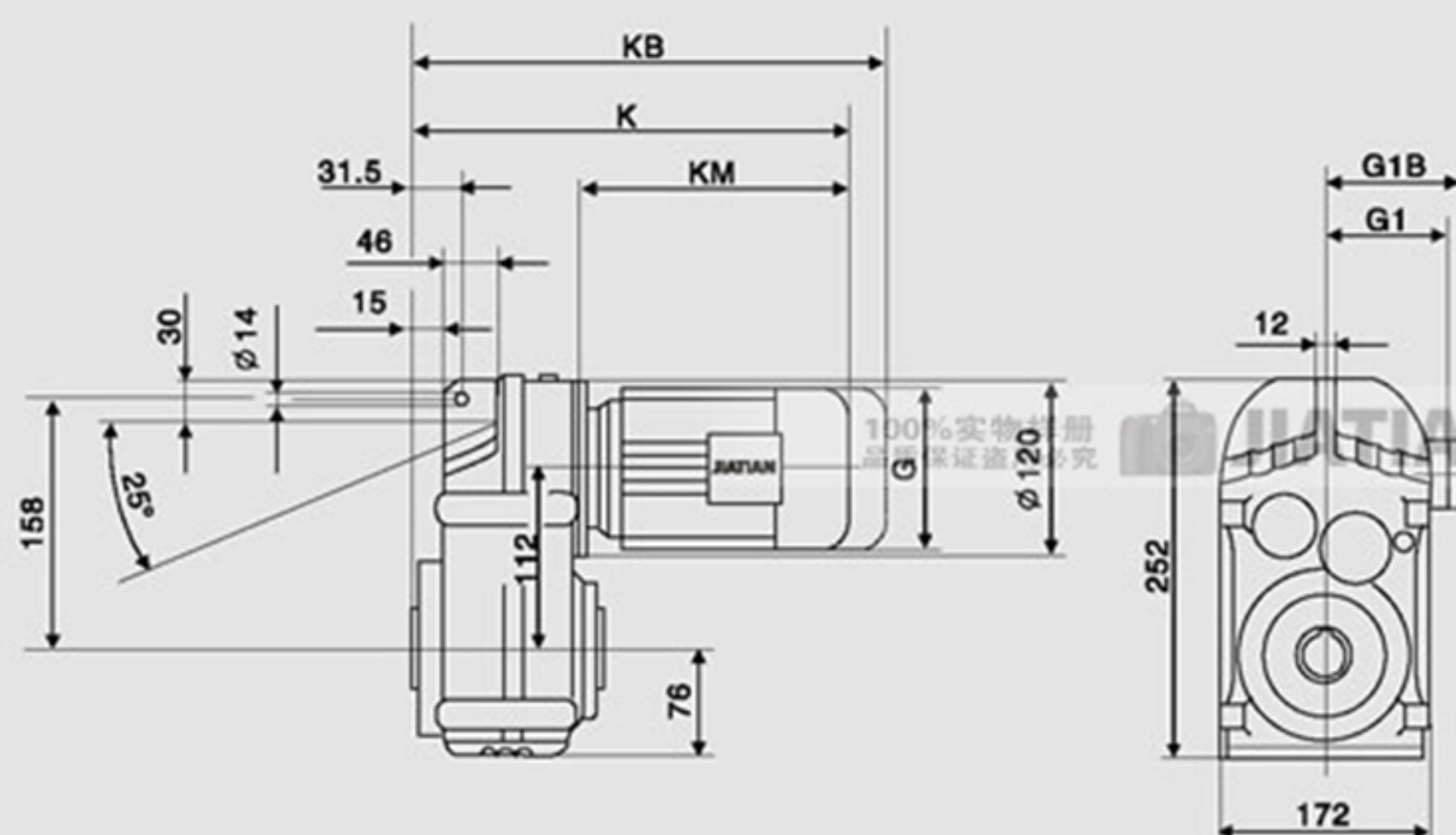
F系列减速机外形安装尺寸



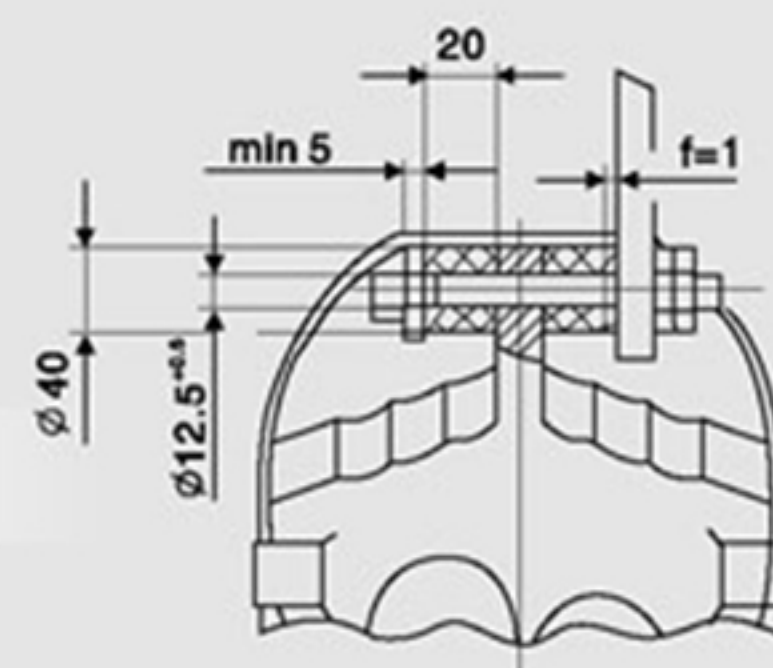
注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

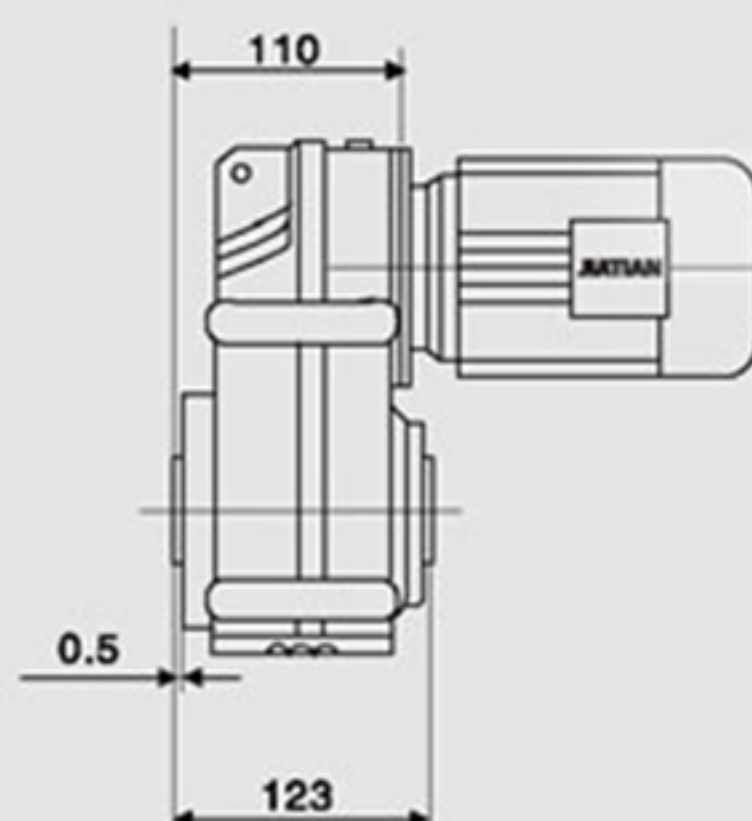




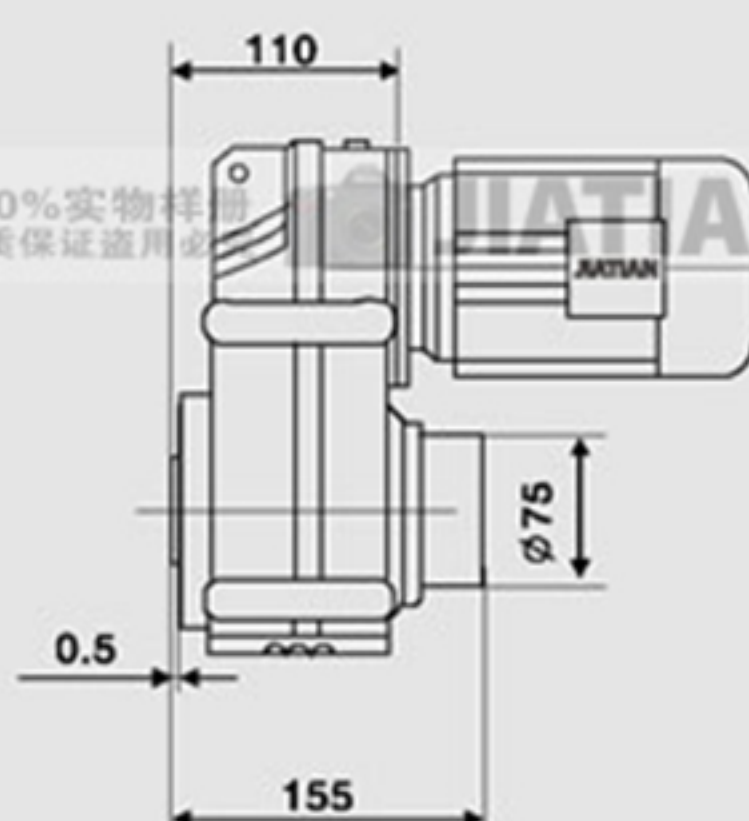
F..G37..



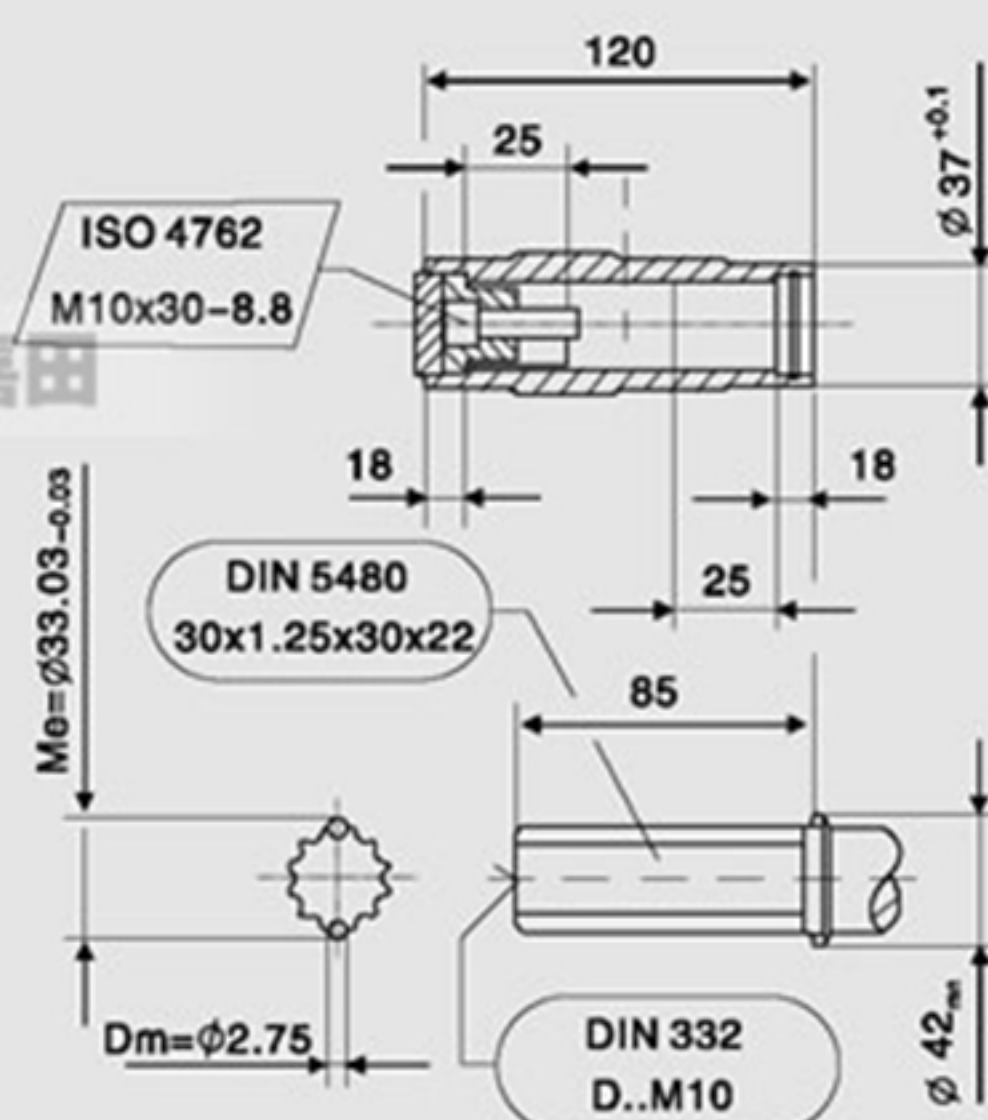
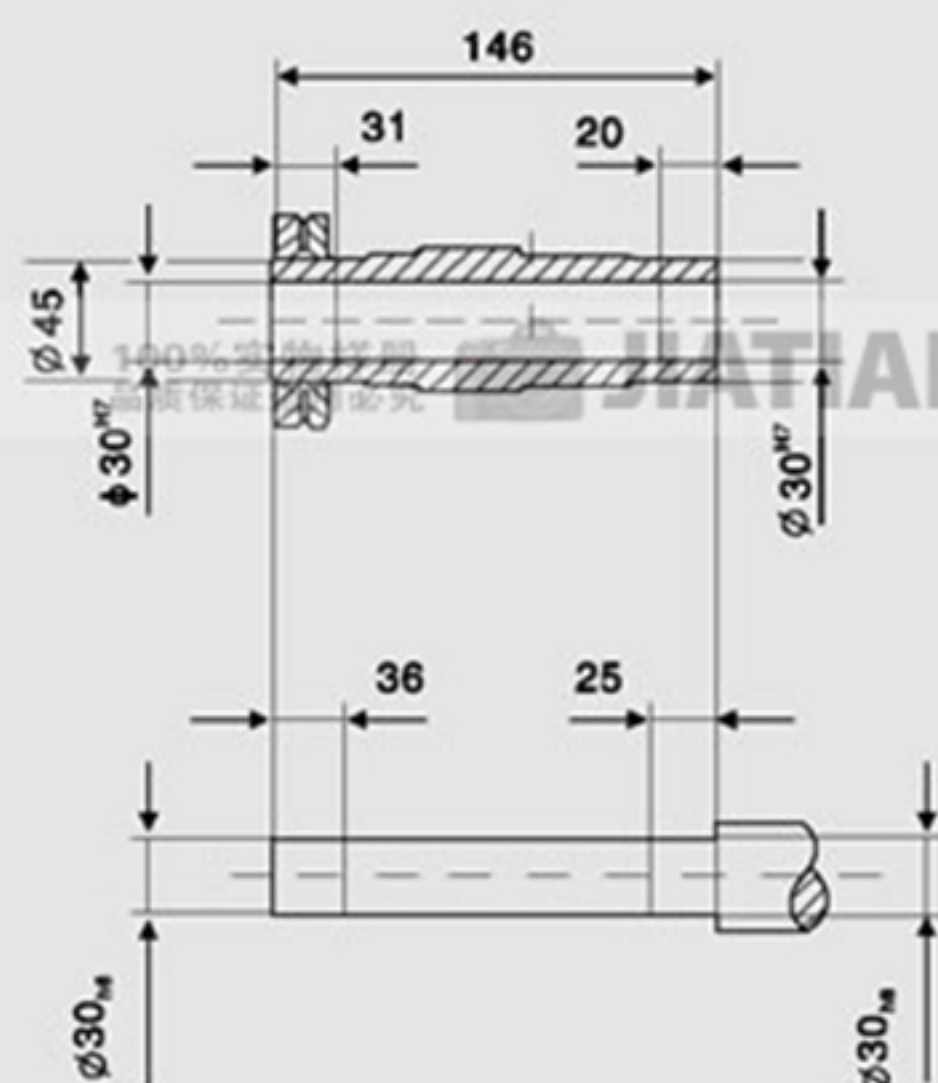
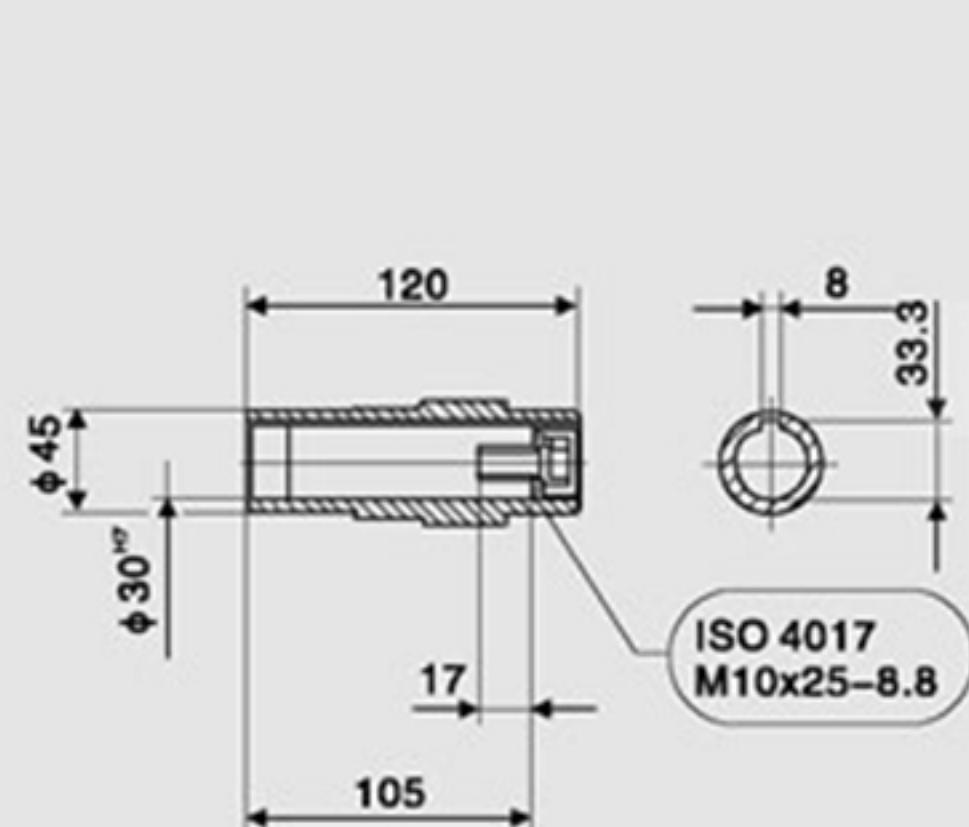
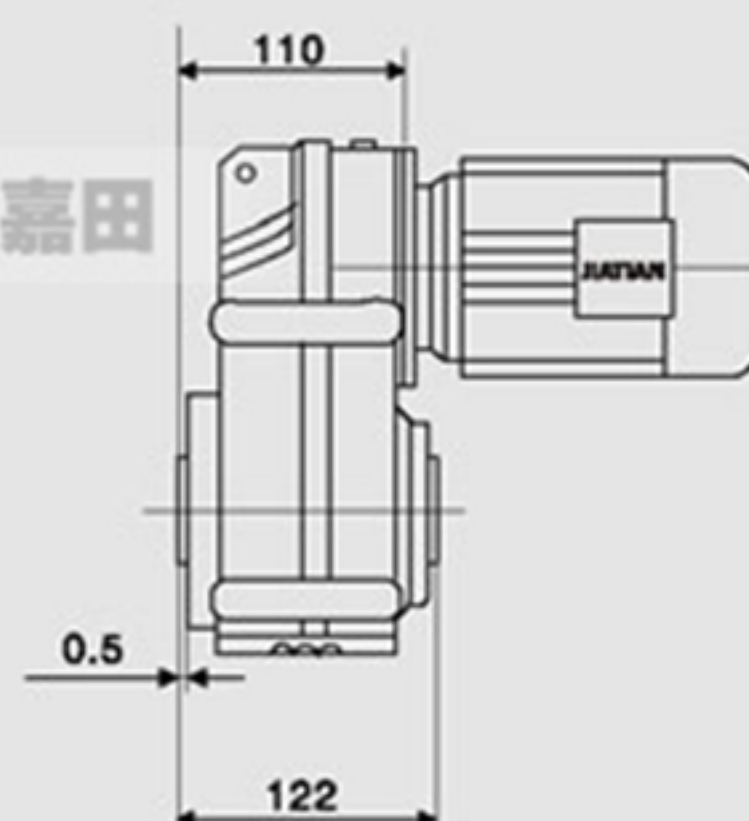
FA37..



FH37..



FV37..



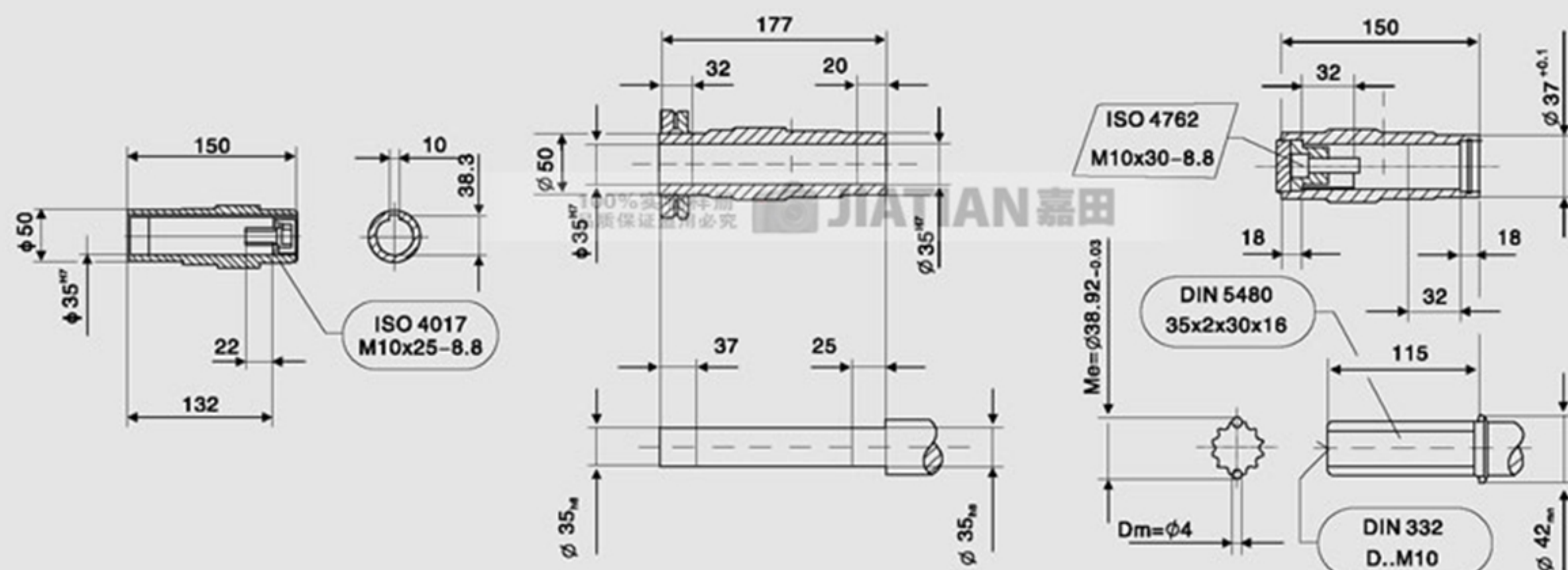
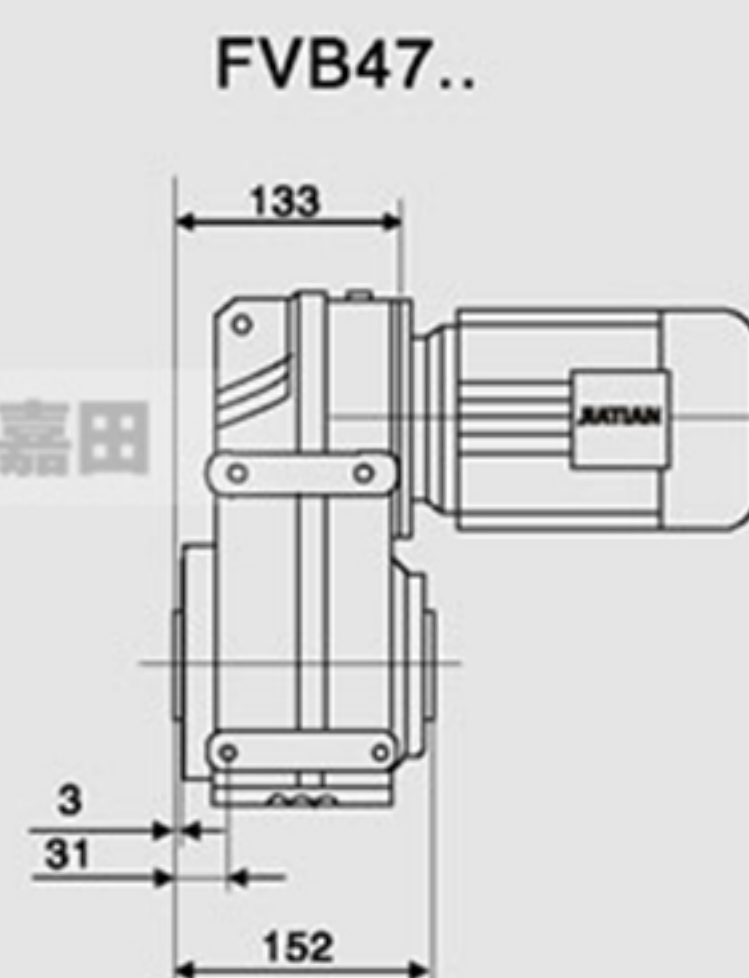
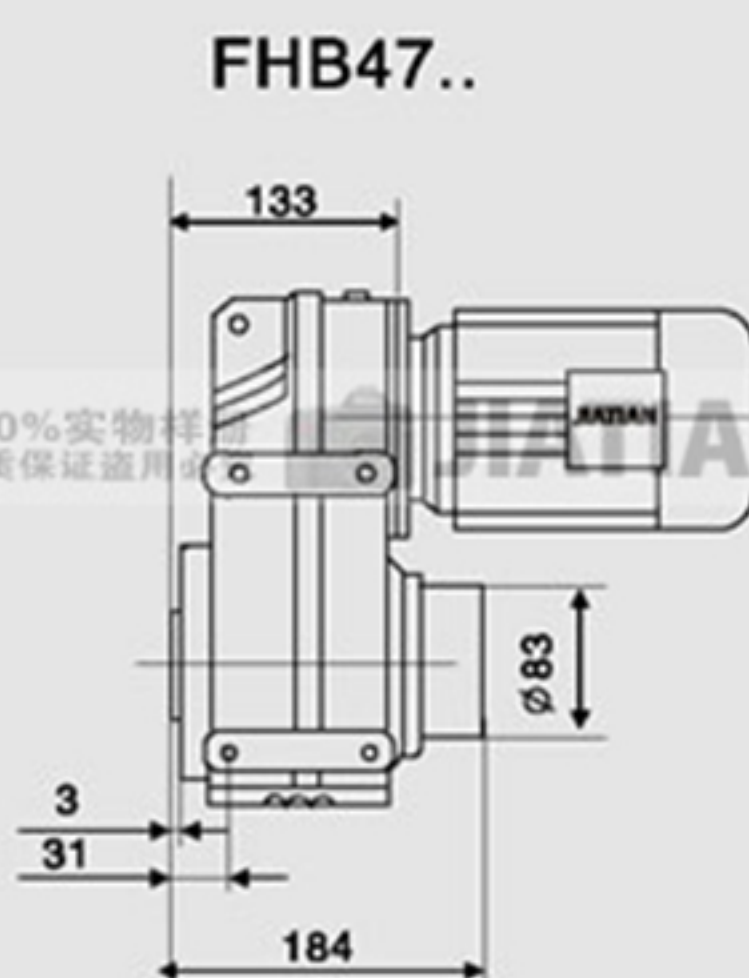
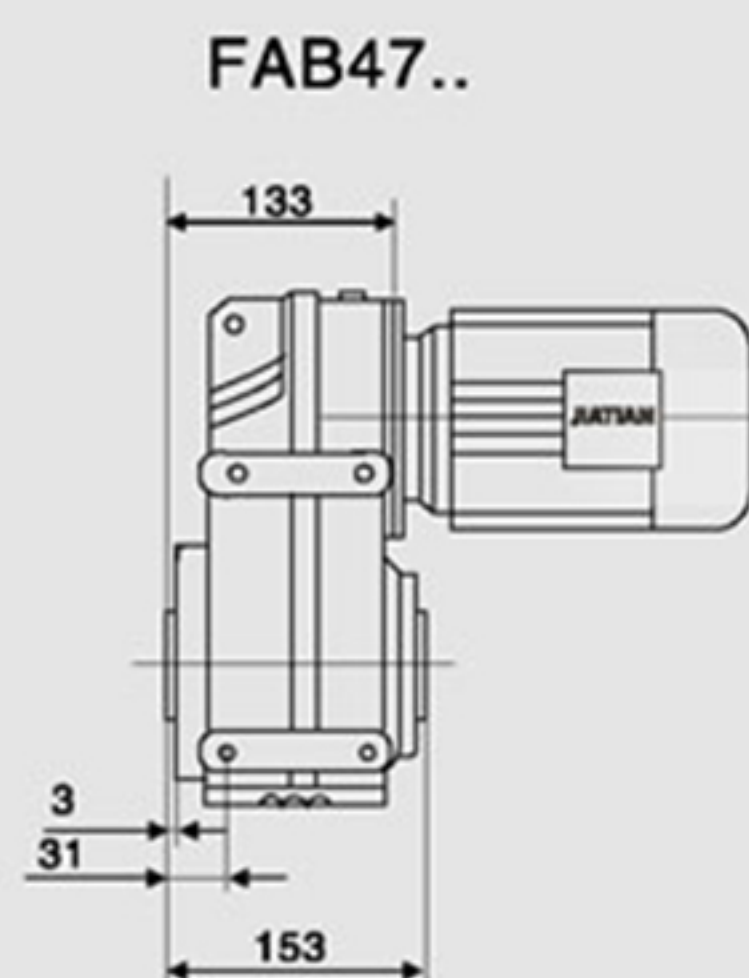
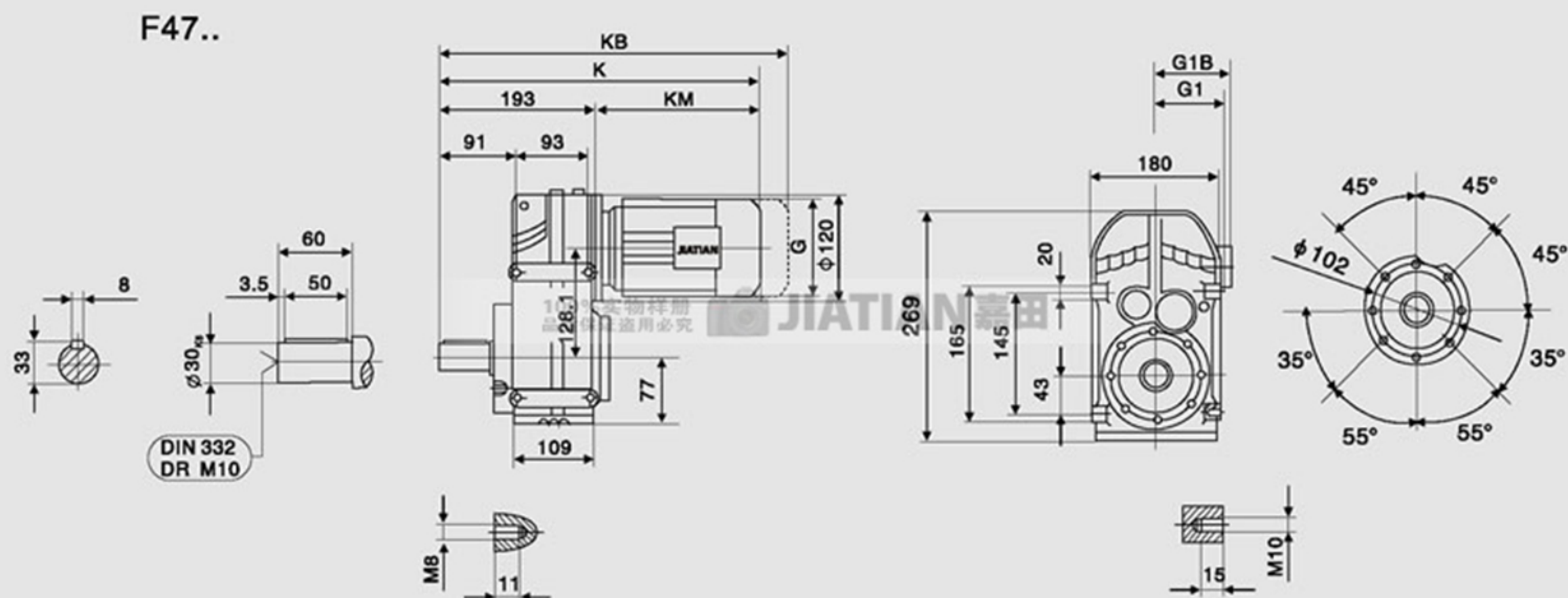
注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。







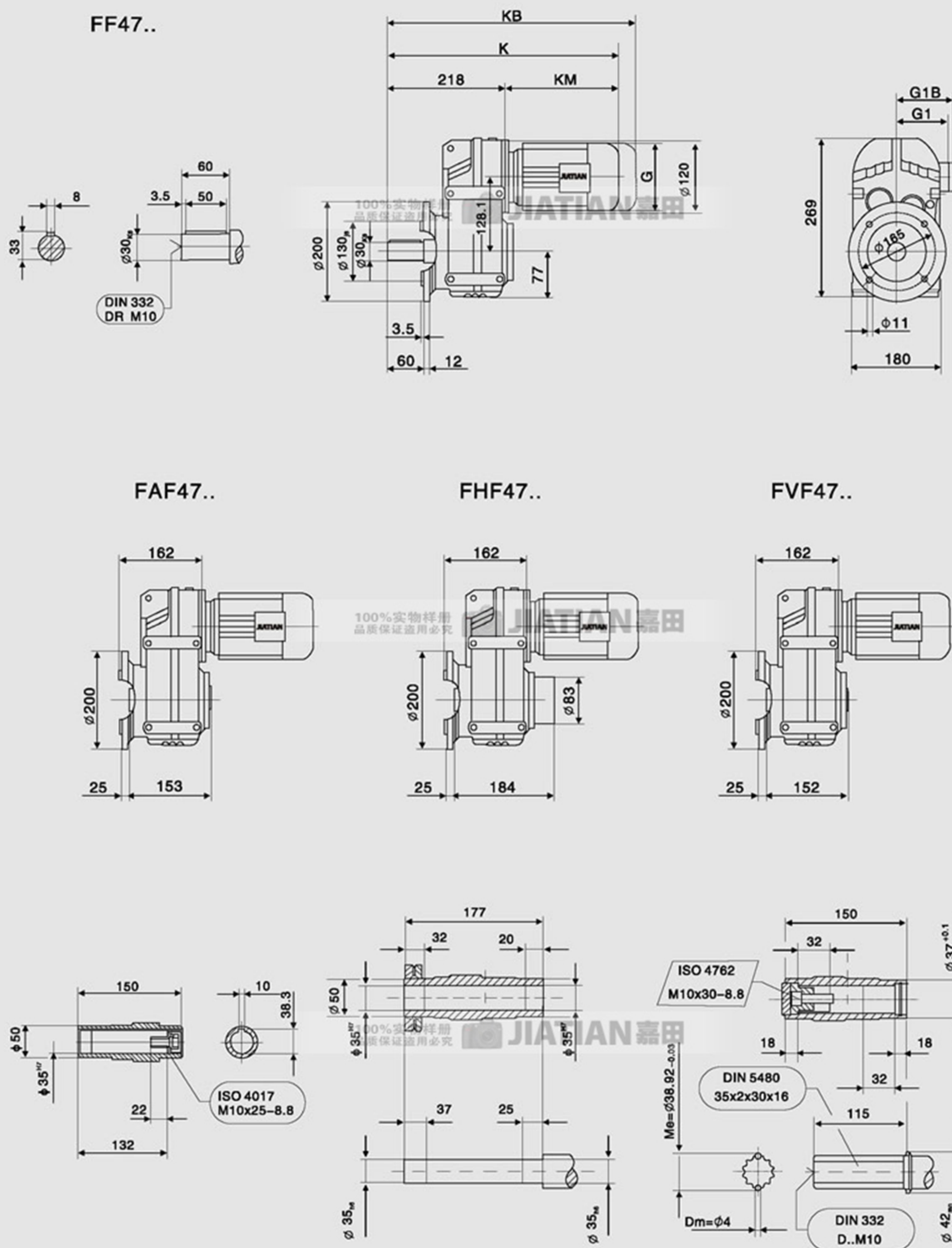


注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



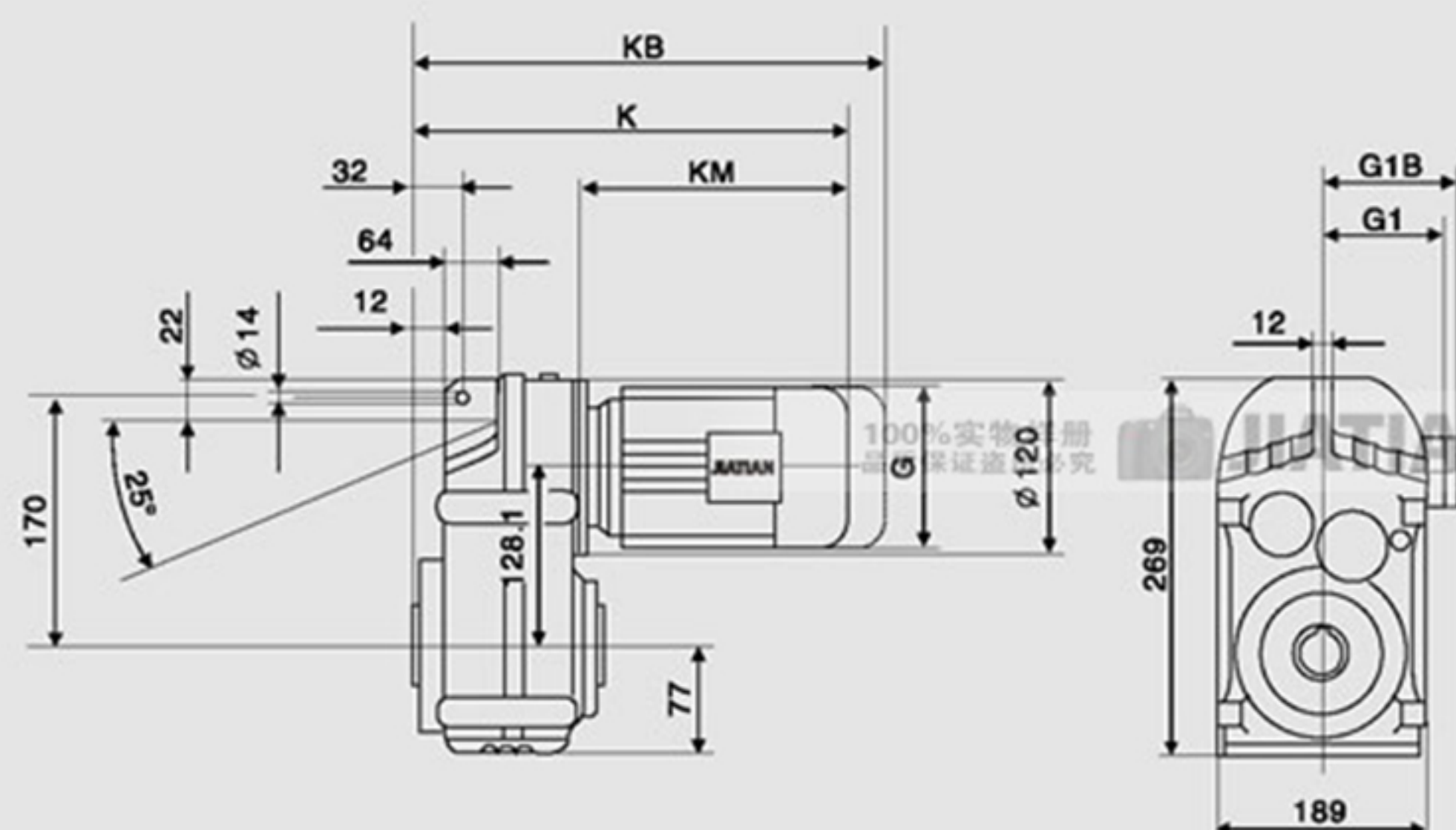
F系列减速机外形安装尺寸



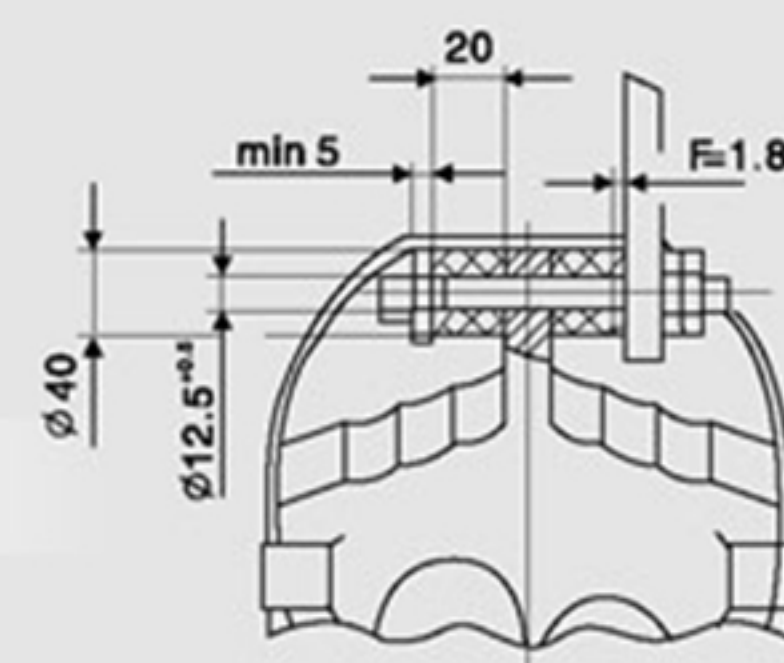
注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

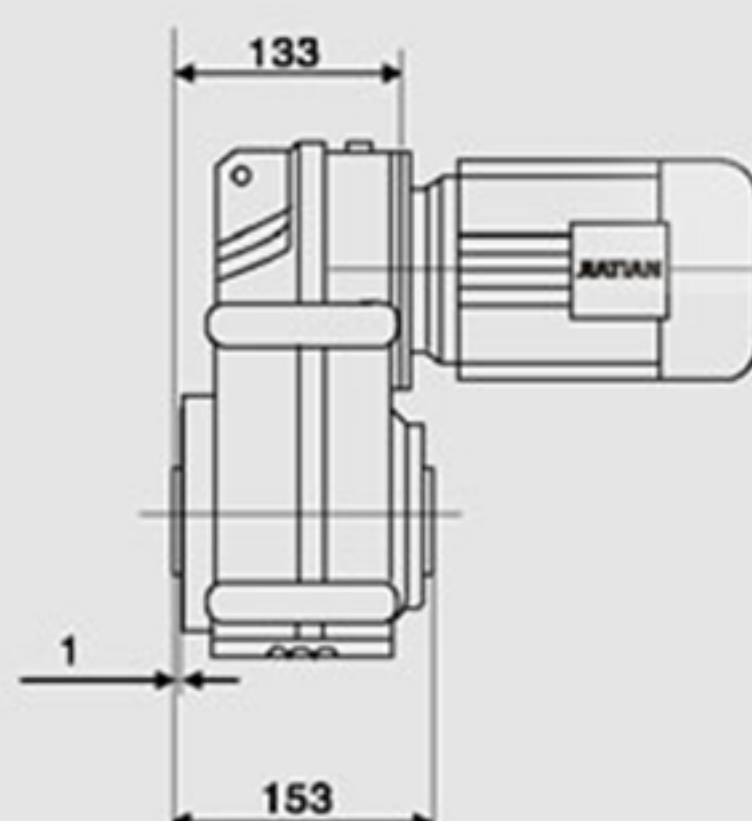




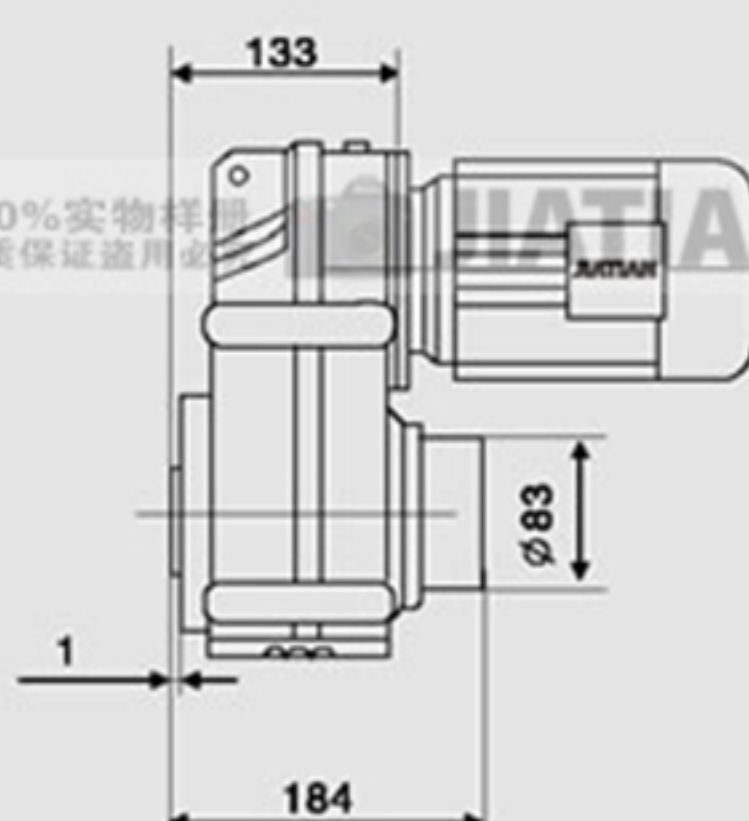
F..G47



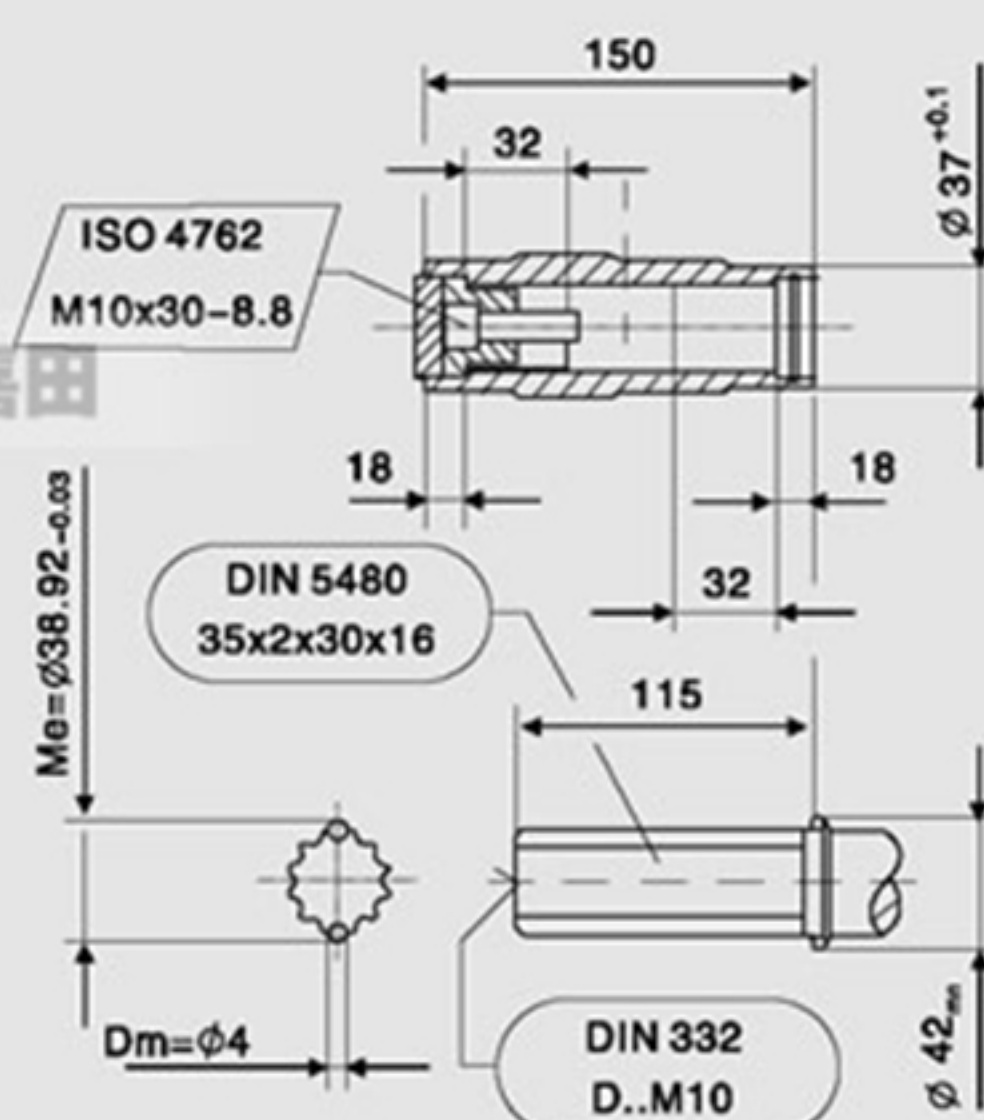
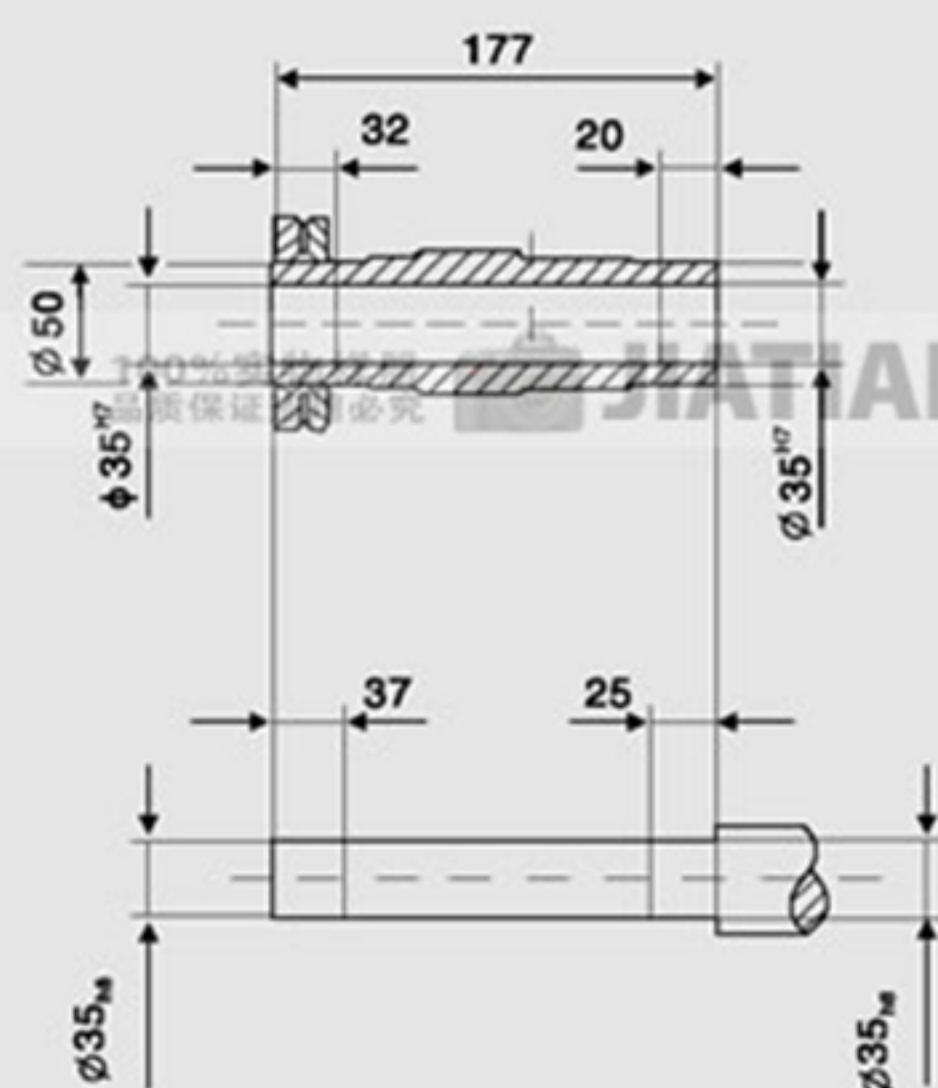
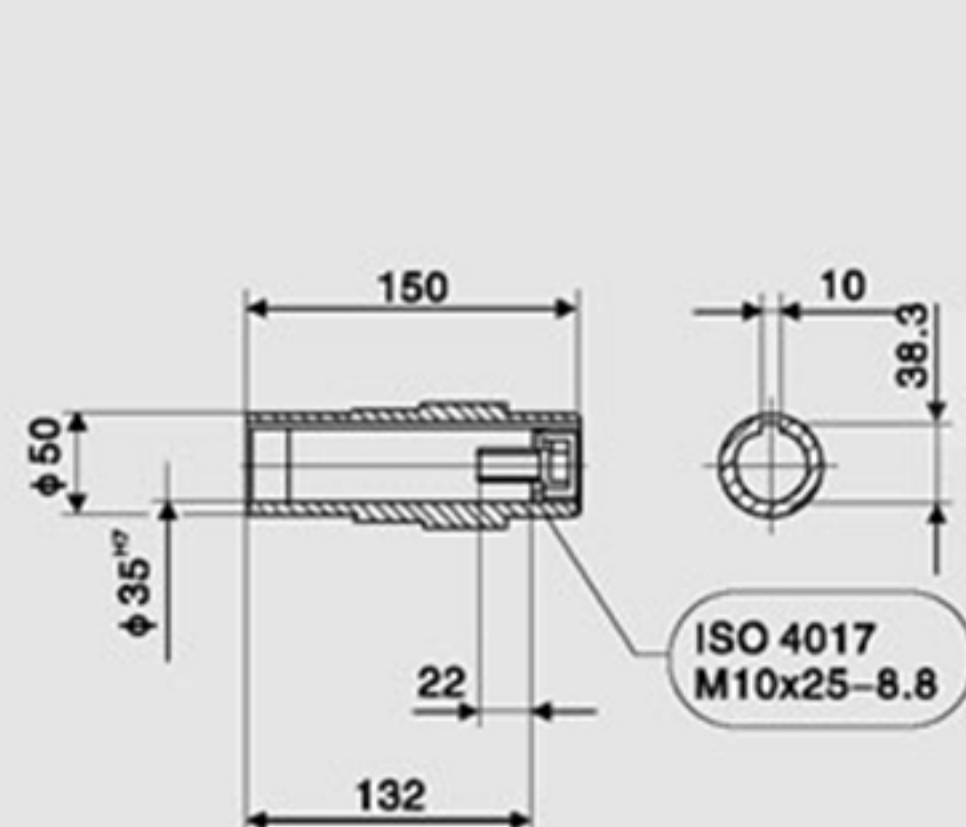
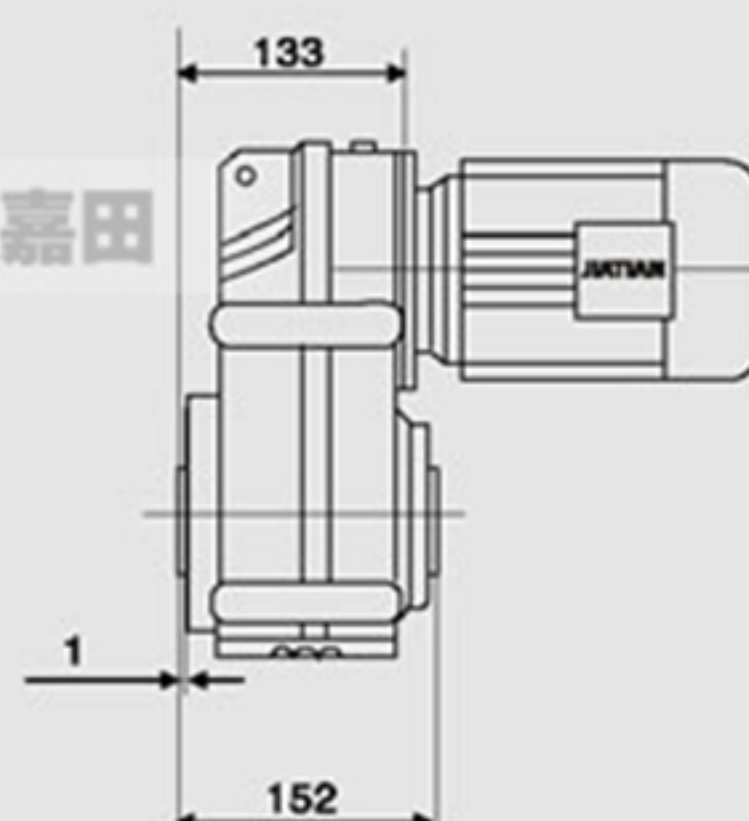
FA47..



FH47..



FV47..

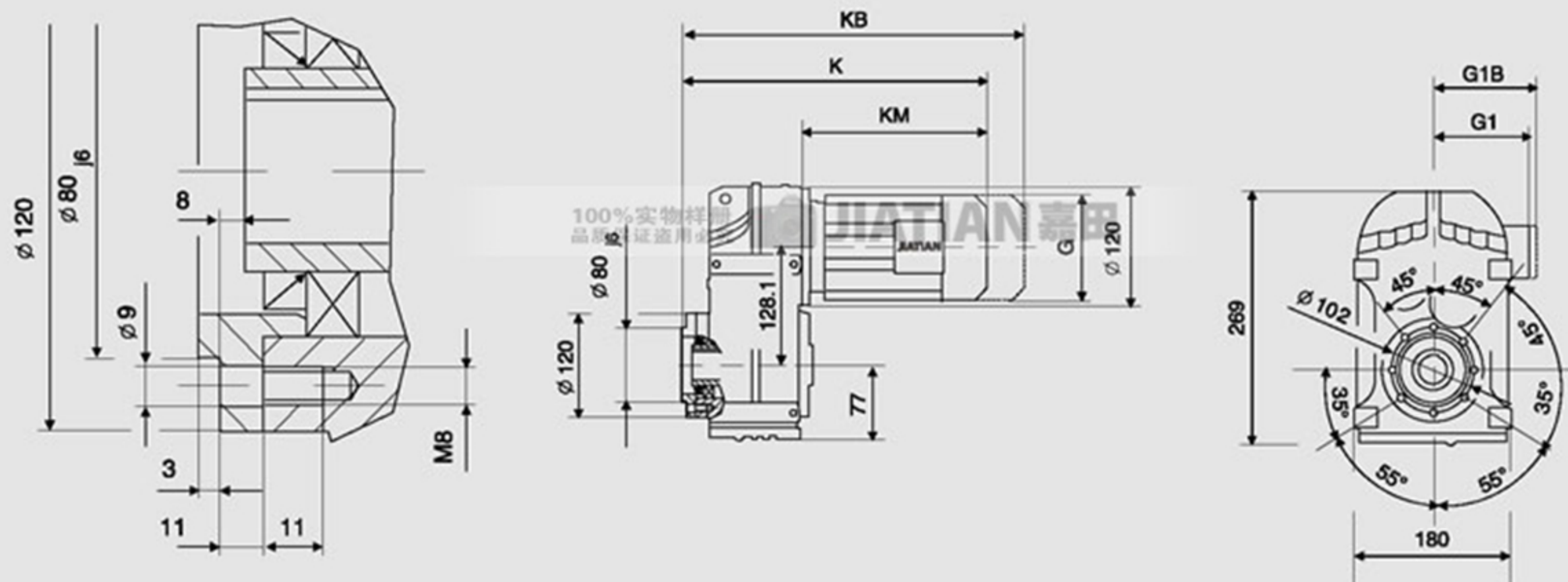


注1: 图中KM、G1、G的尺寸见第330页。

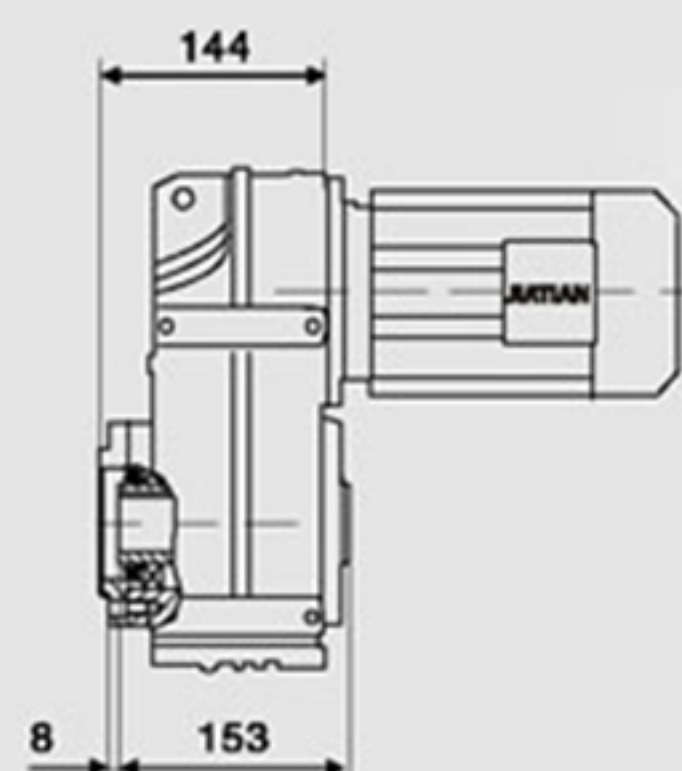
注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



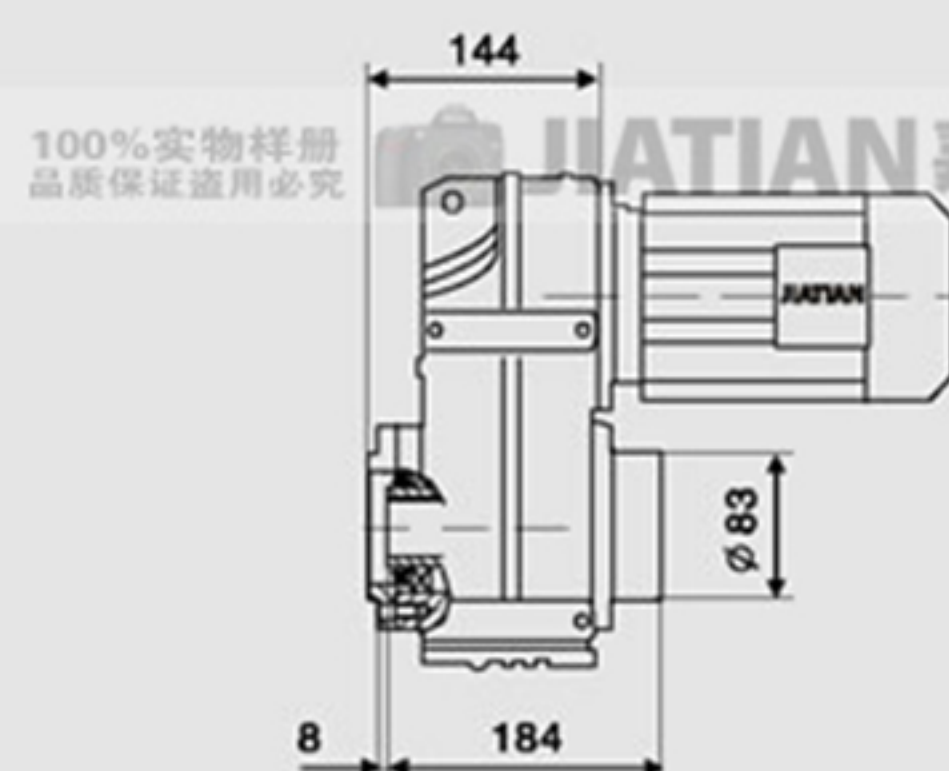
## F系列减速机外形安装尺寸



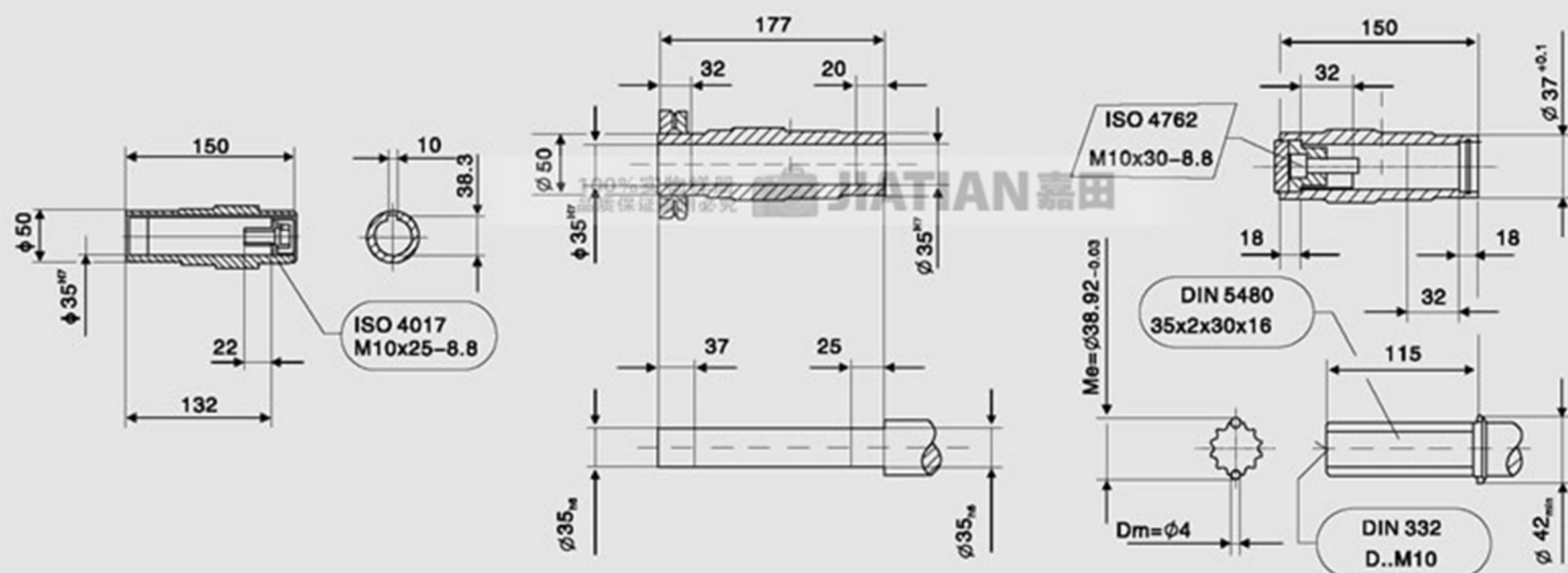
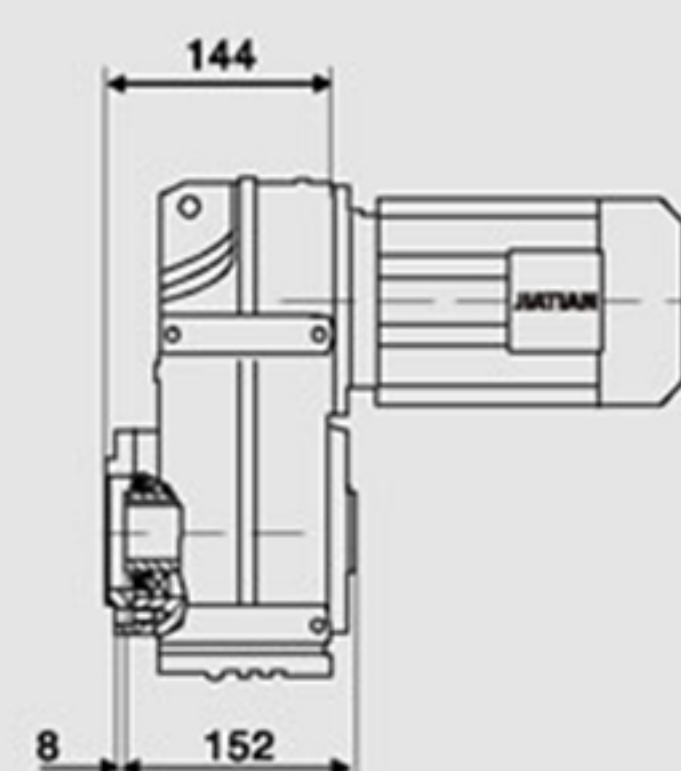
FAZ47..



FHZ47..



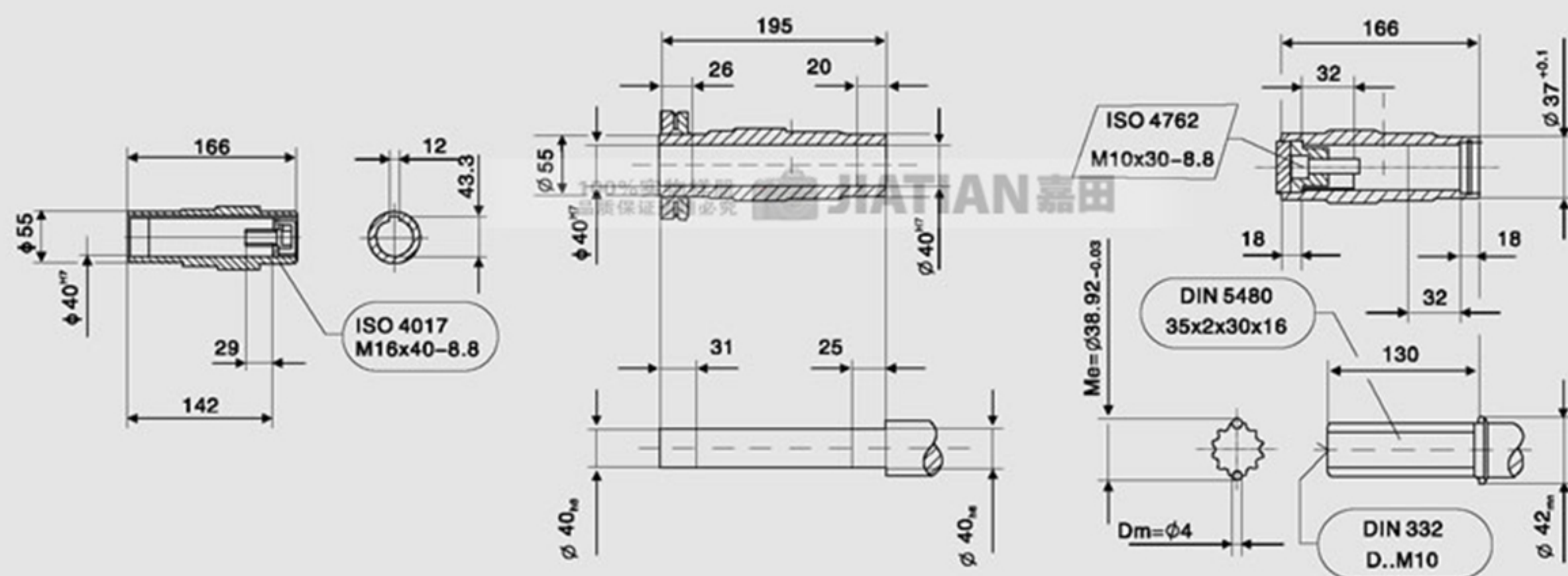
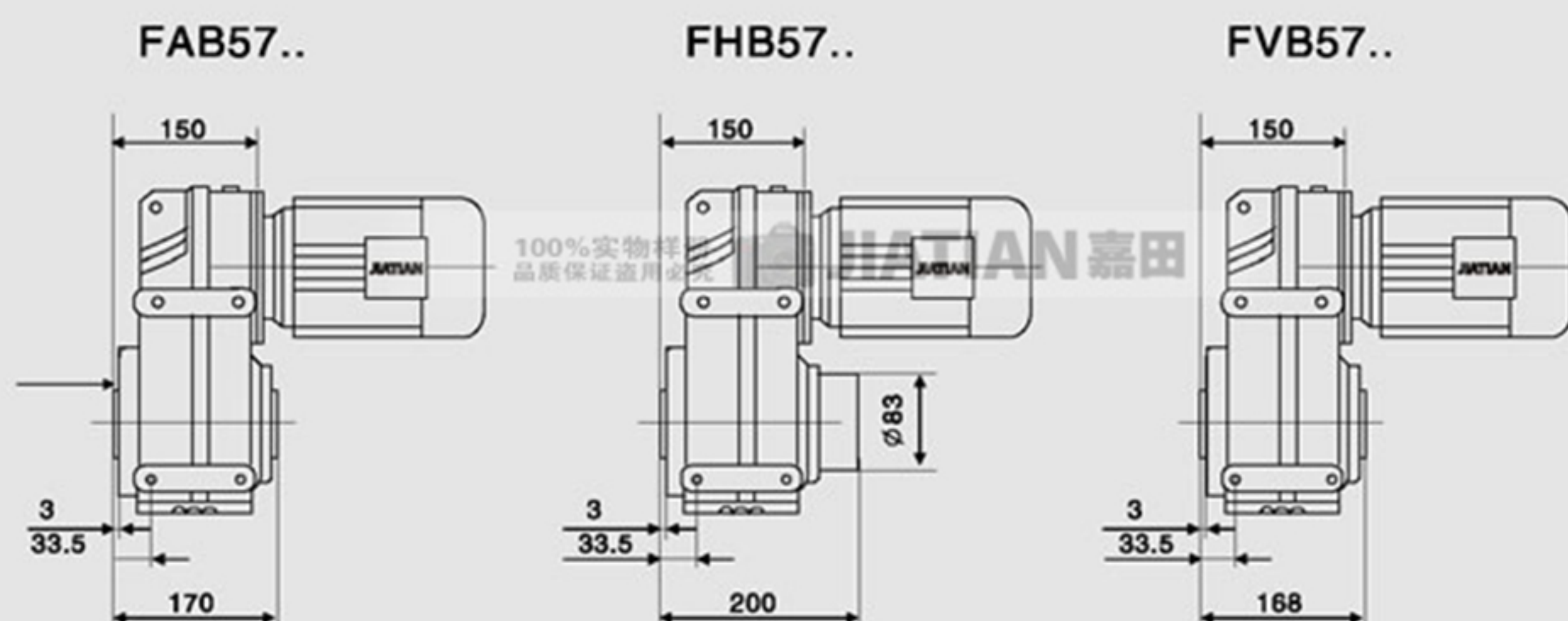
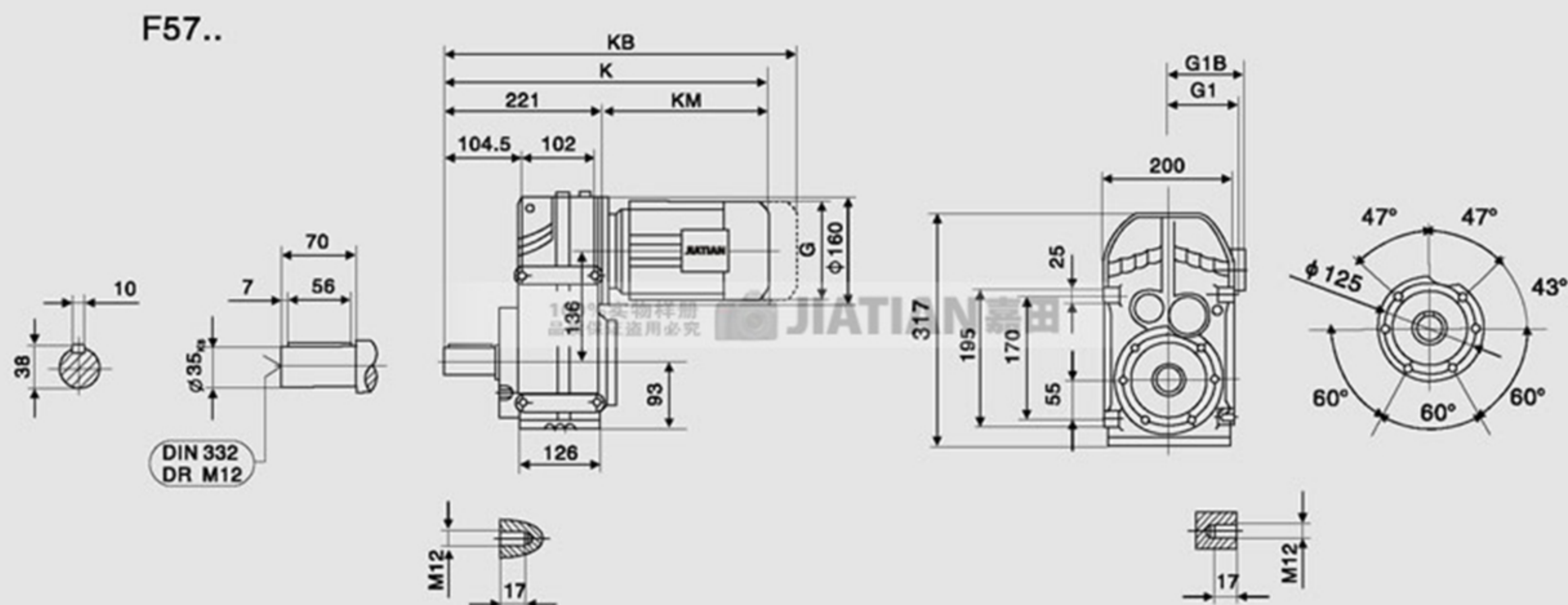
FVZ47..



注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



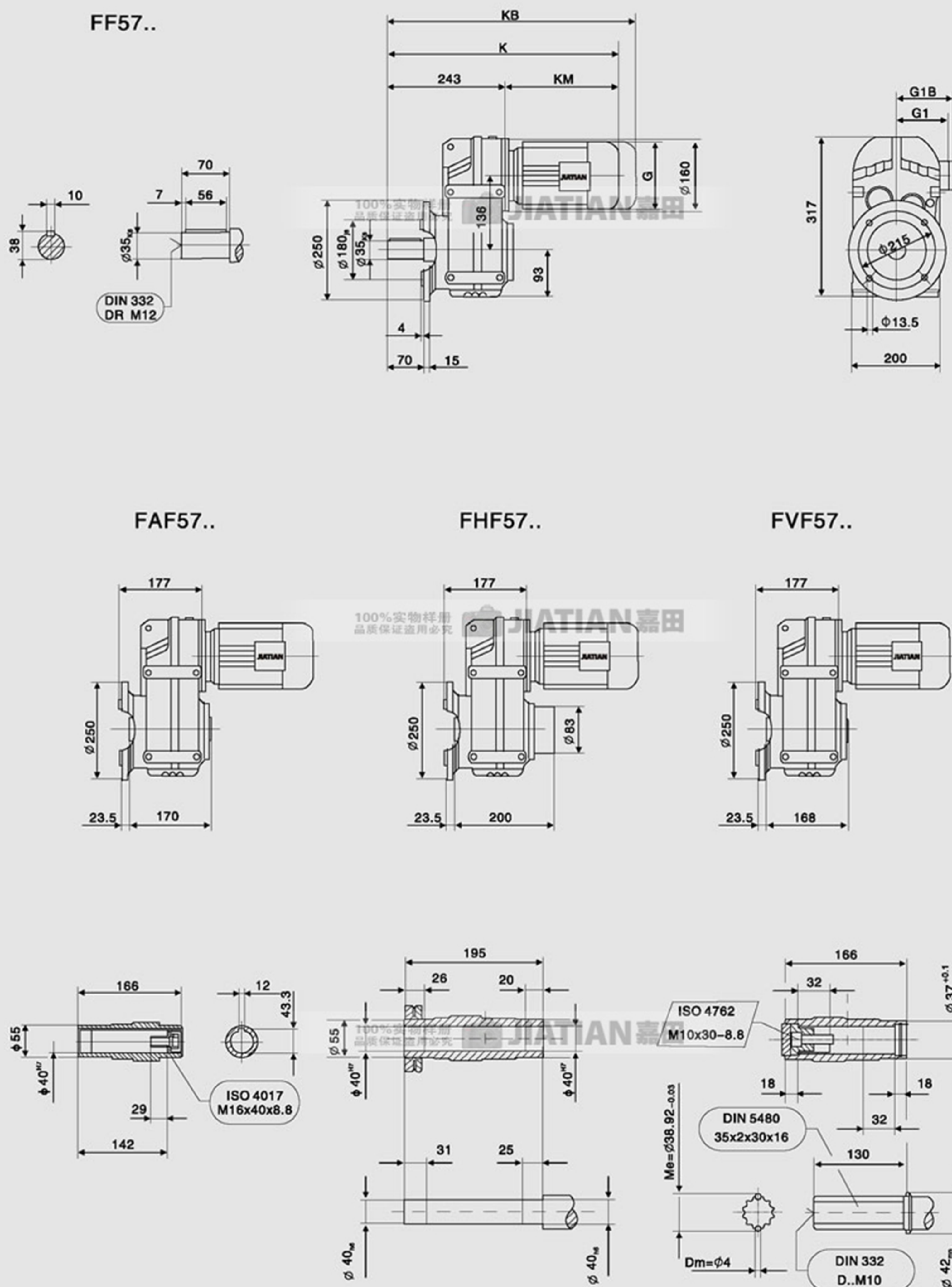


注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



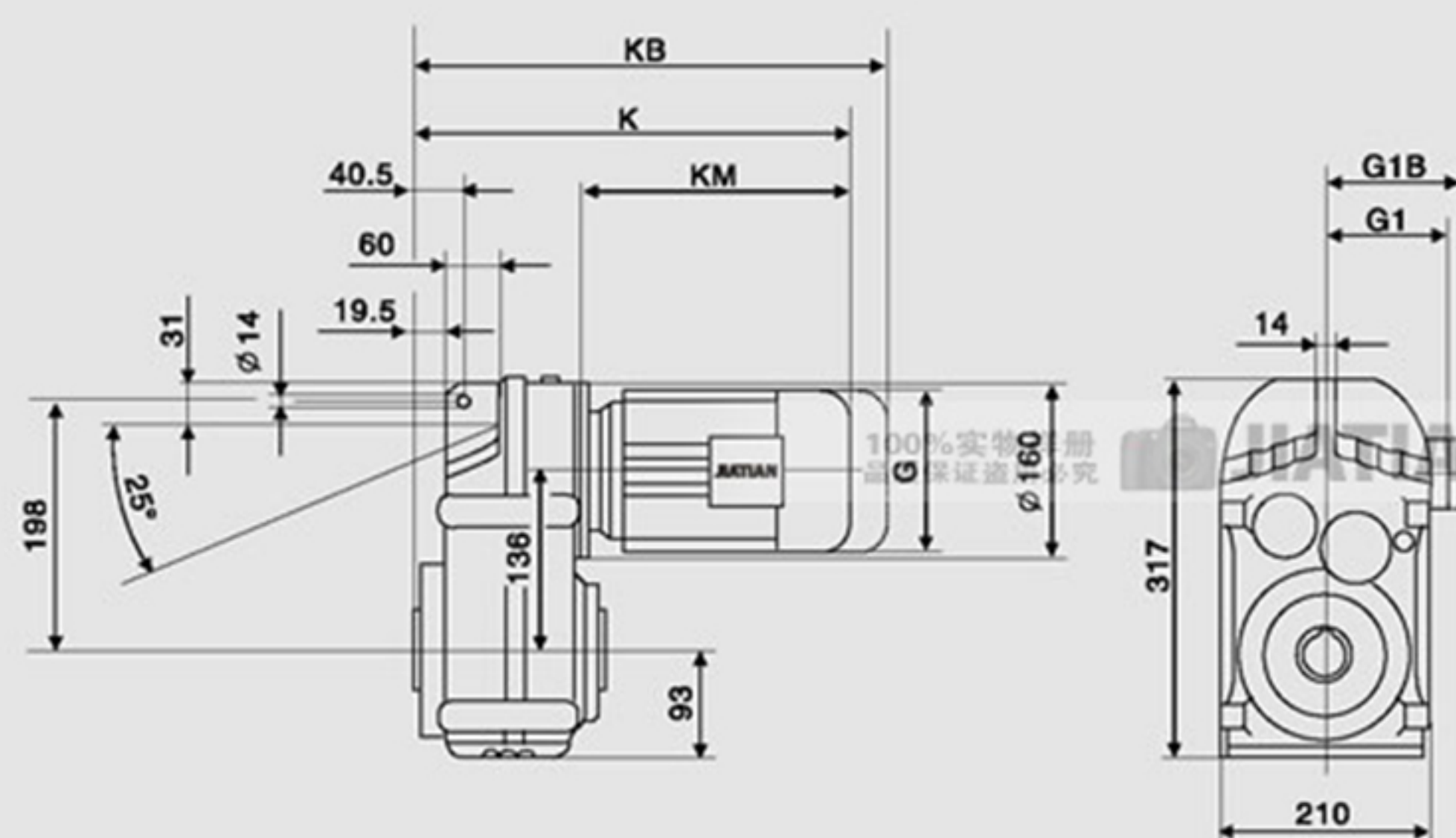
F系列减速机外形安装尺寸



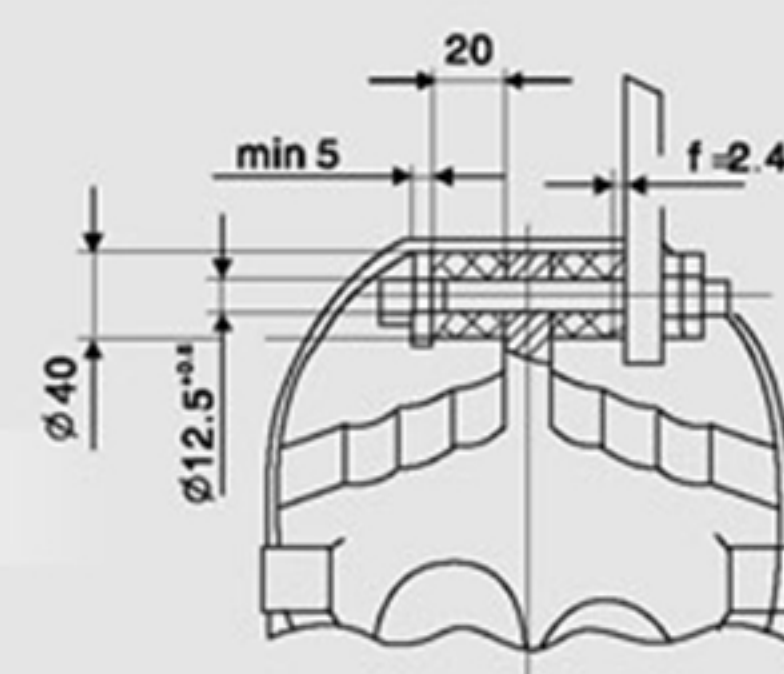
注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

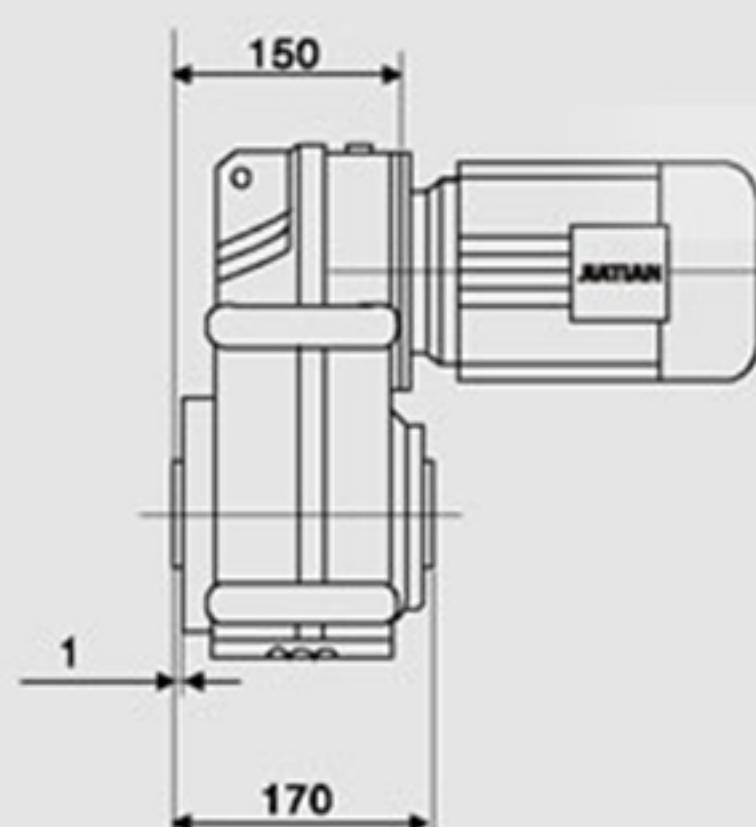




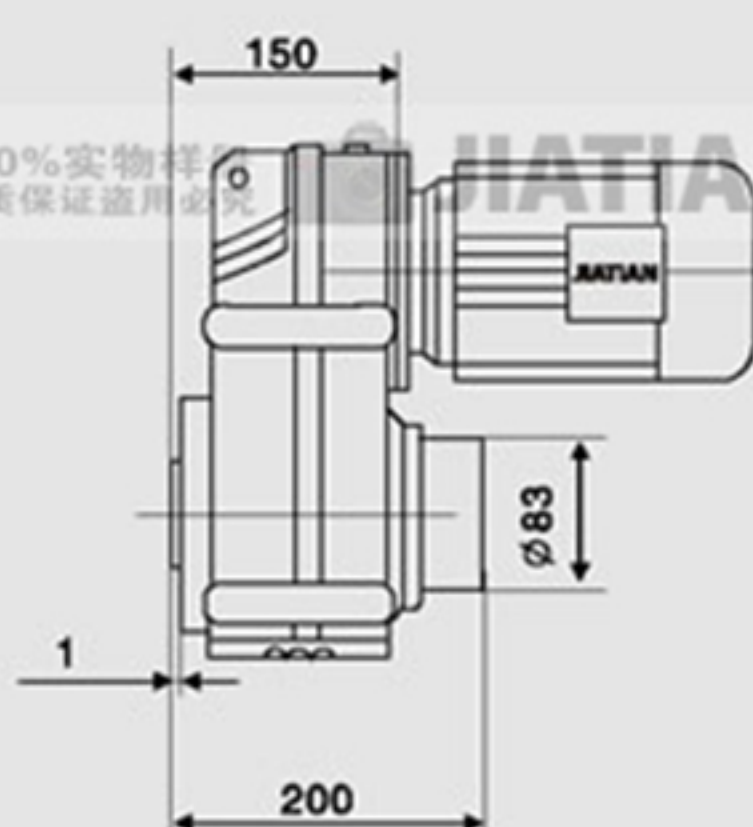
F..G57



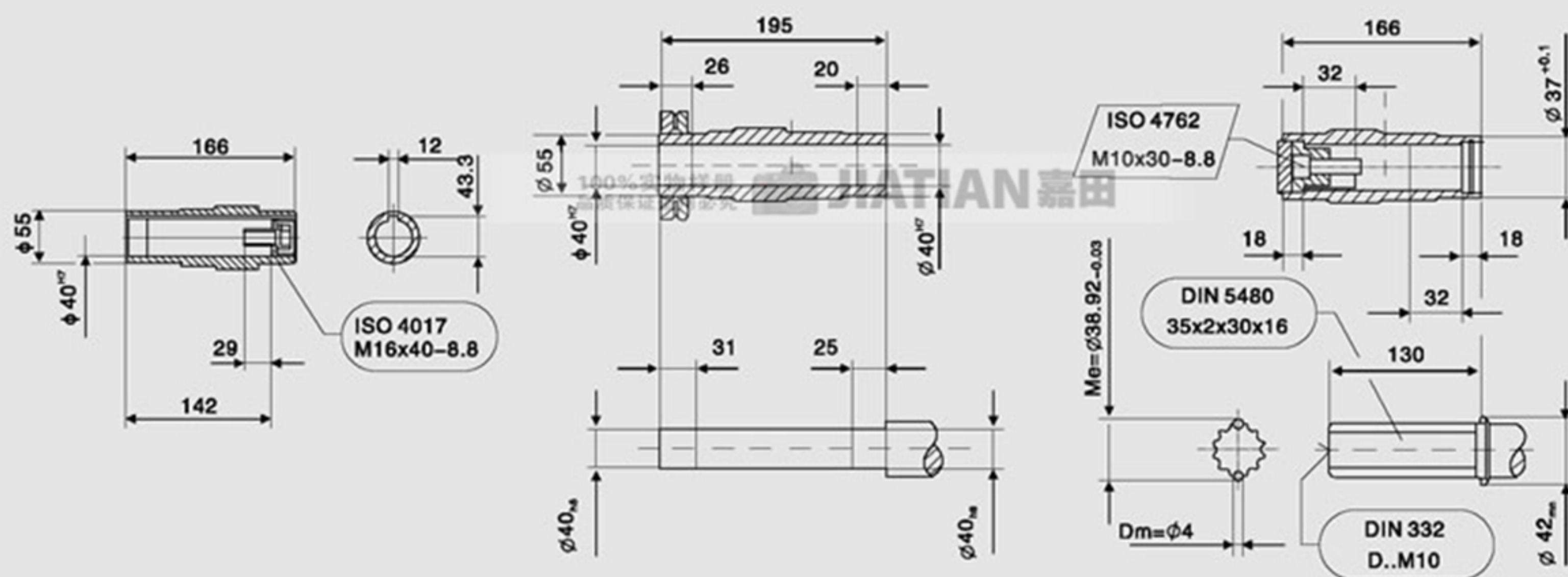
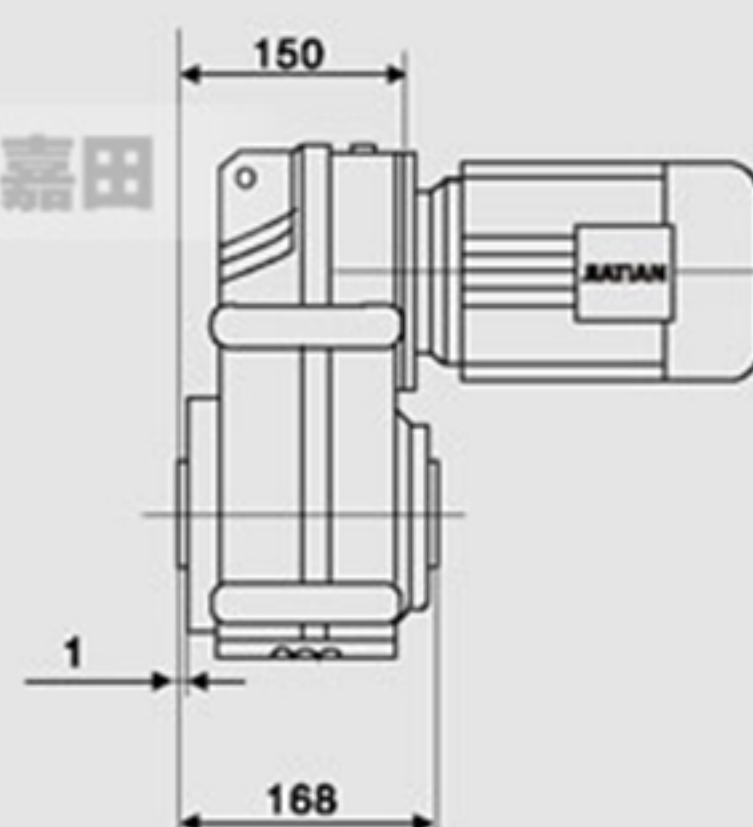
FA57..



FH57..



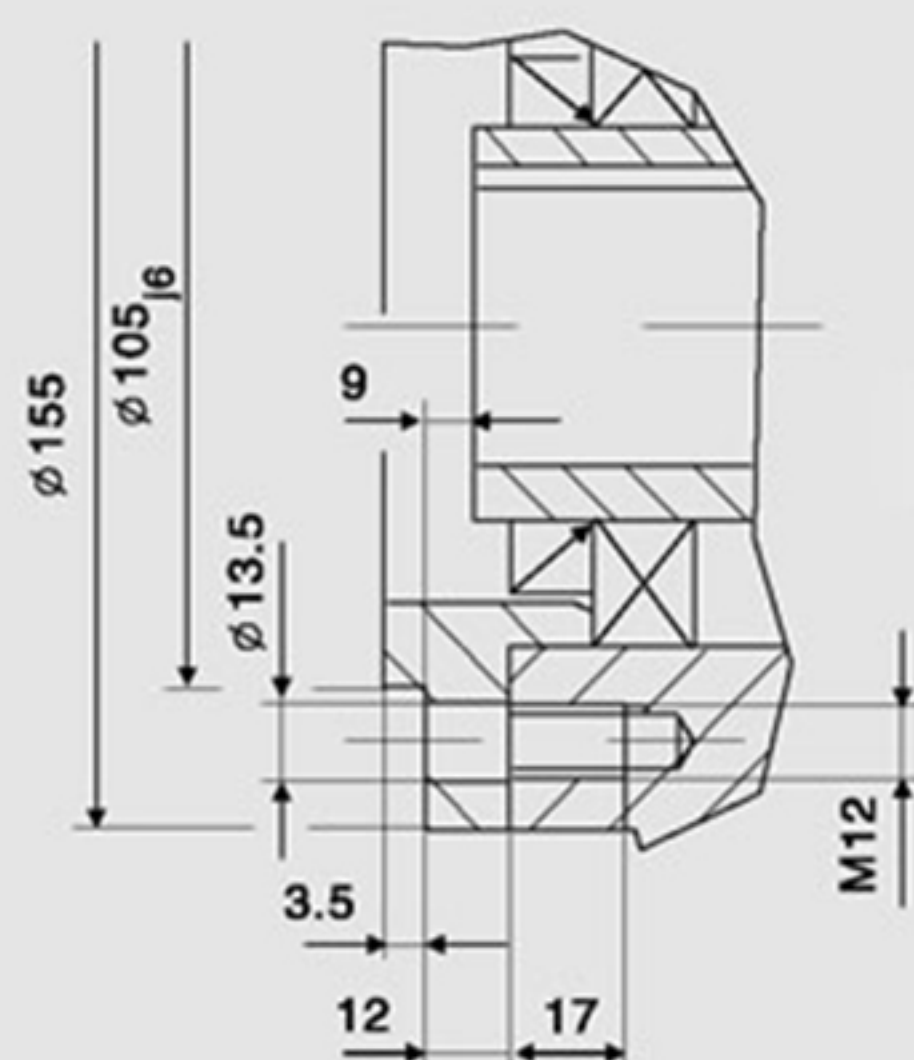
FV57..



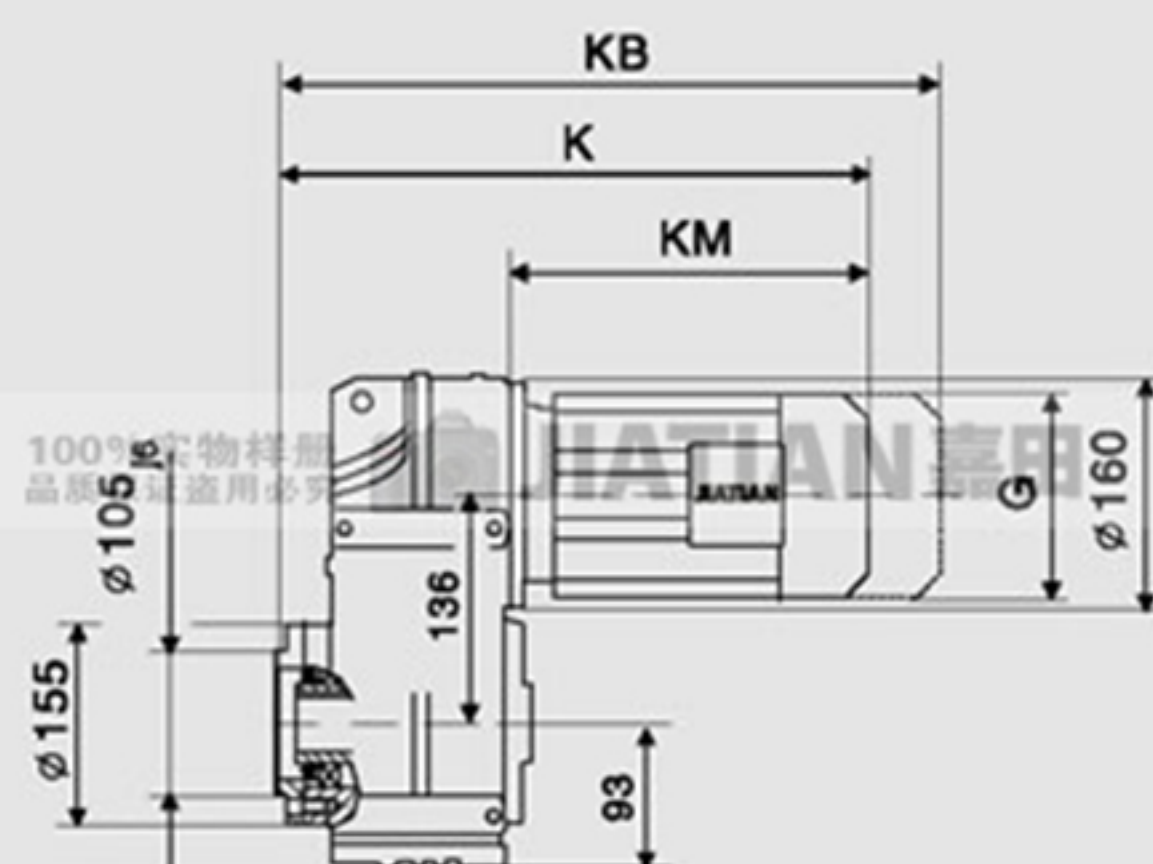
注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

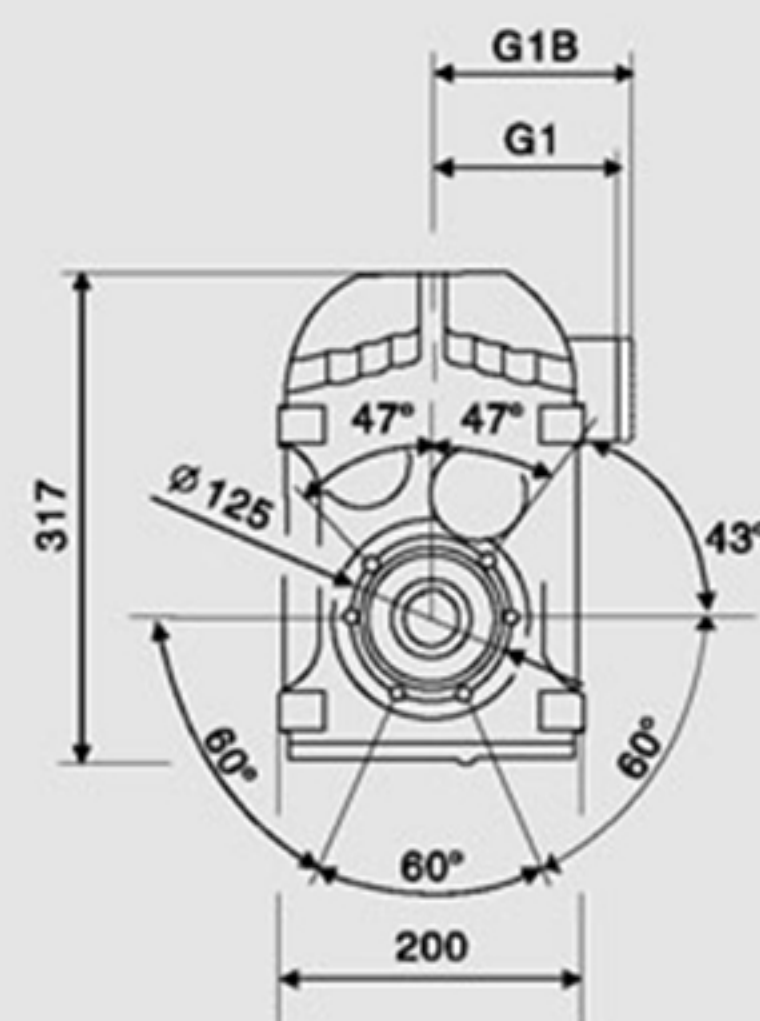




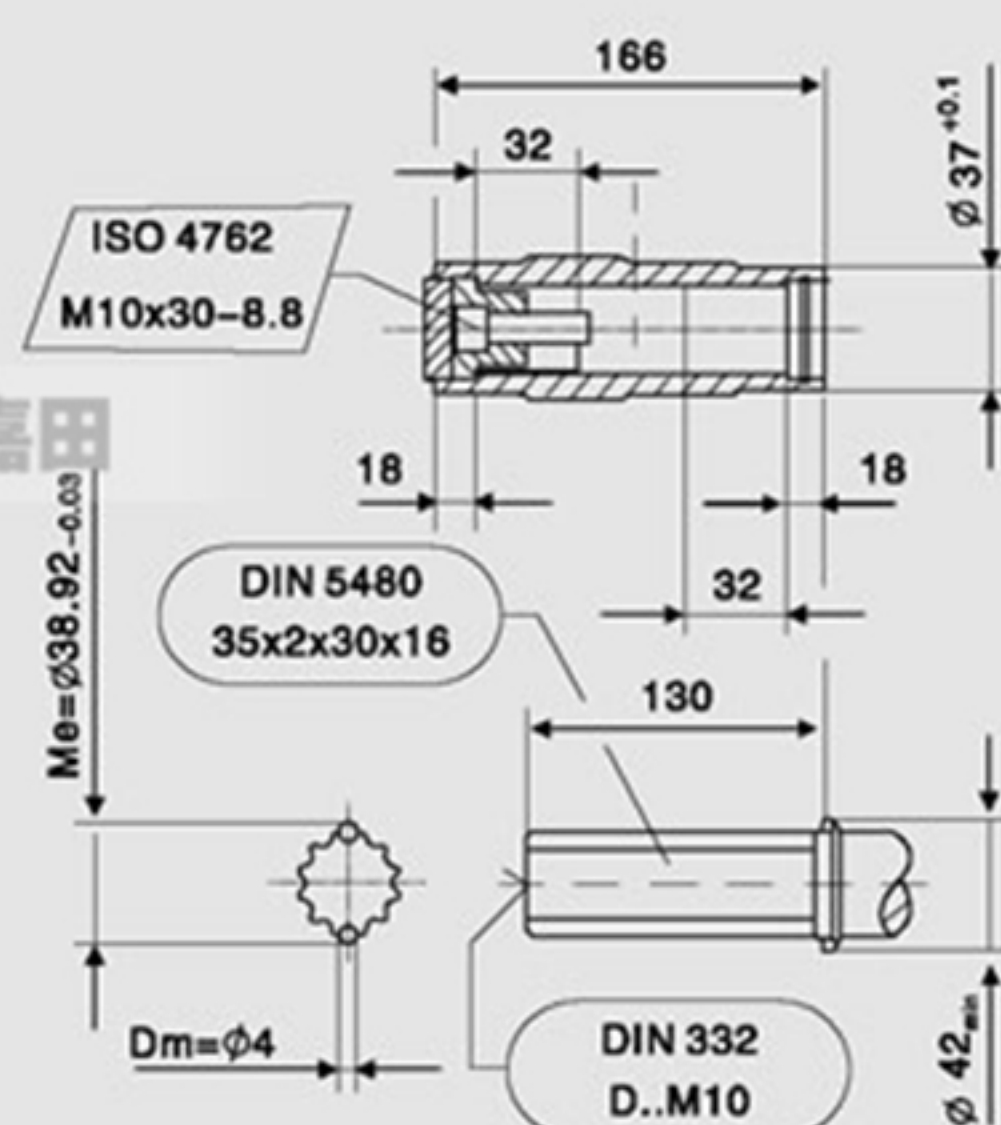
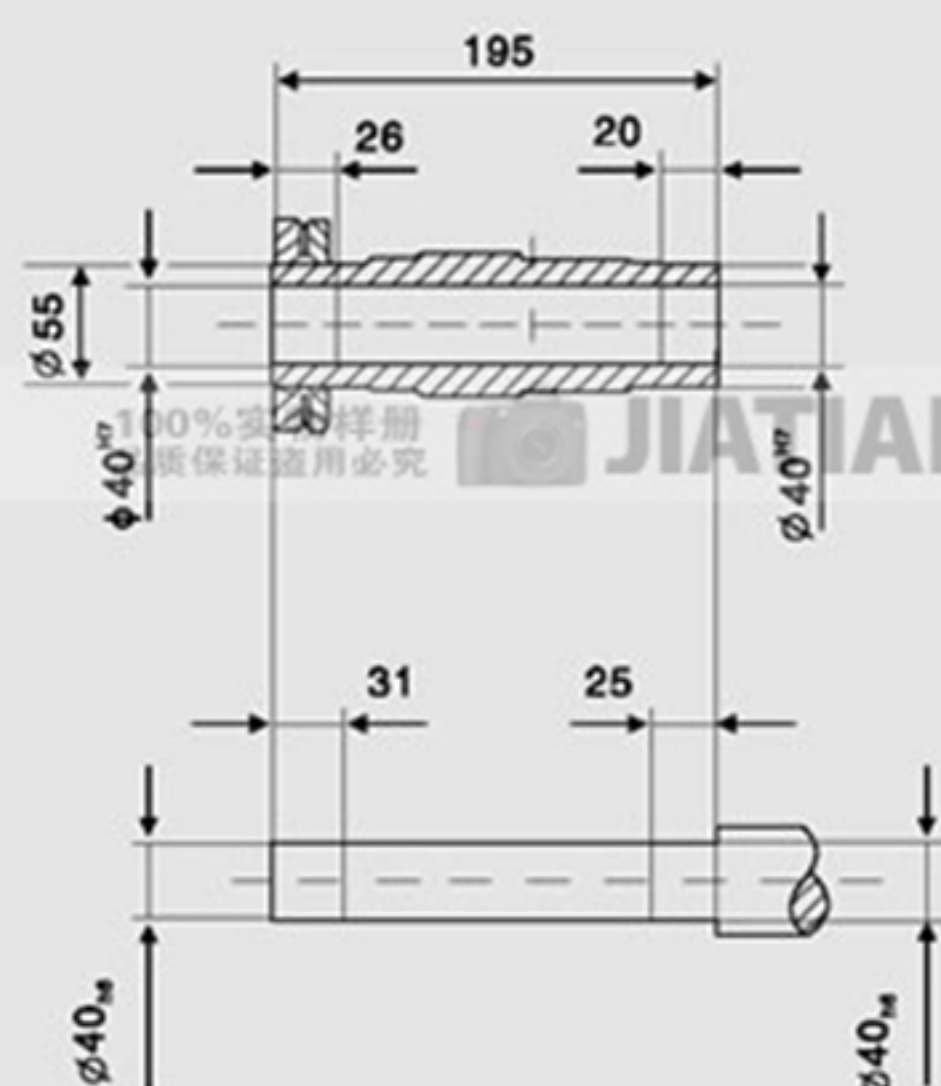
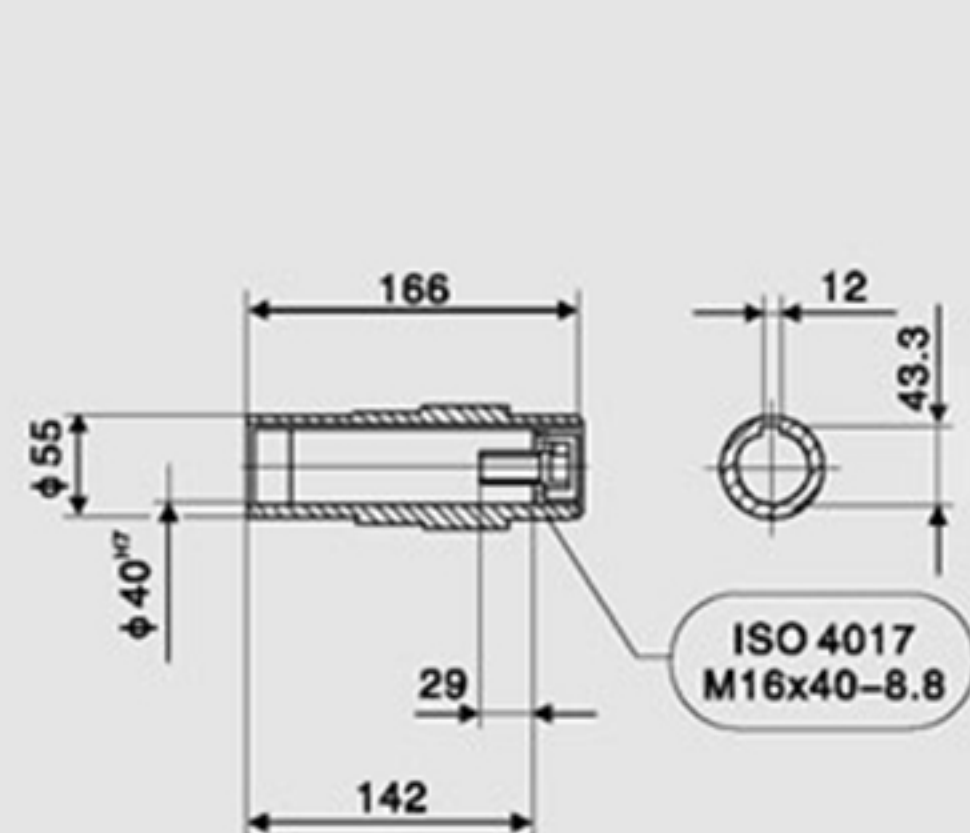
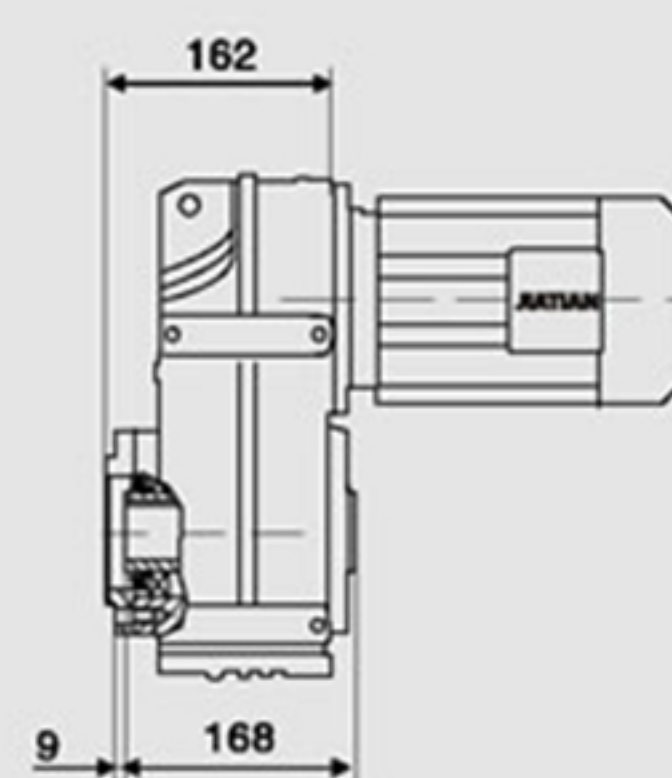
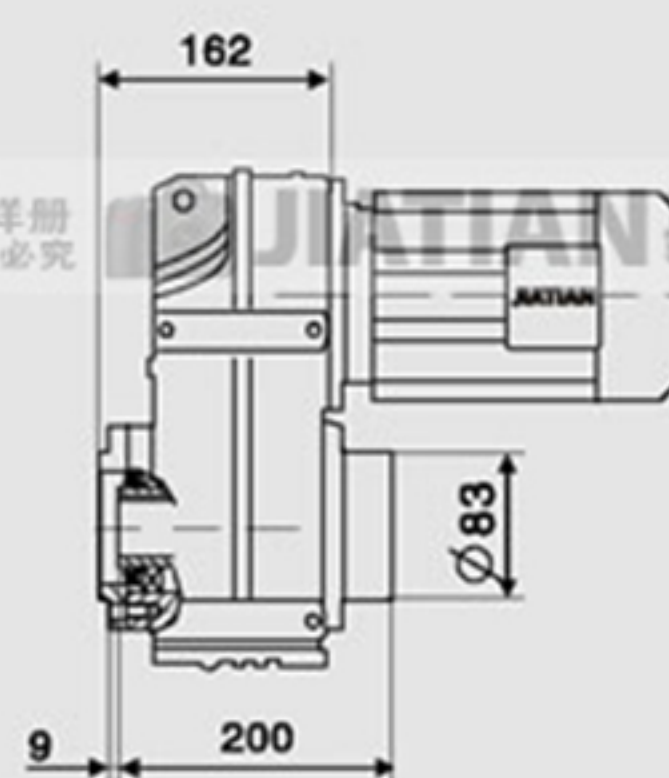
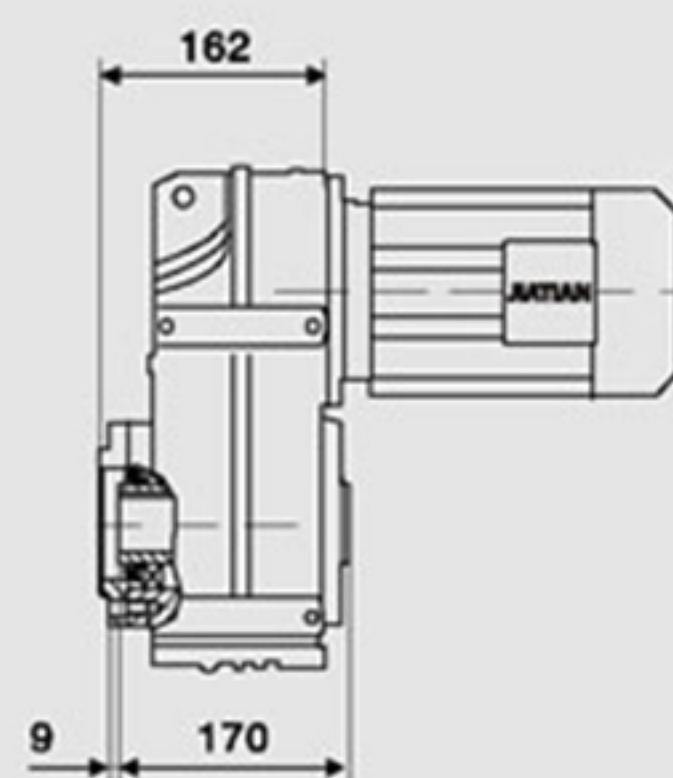
FAZ57..



FHZ57..



FVZ57..



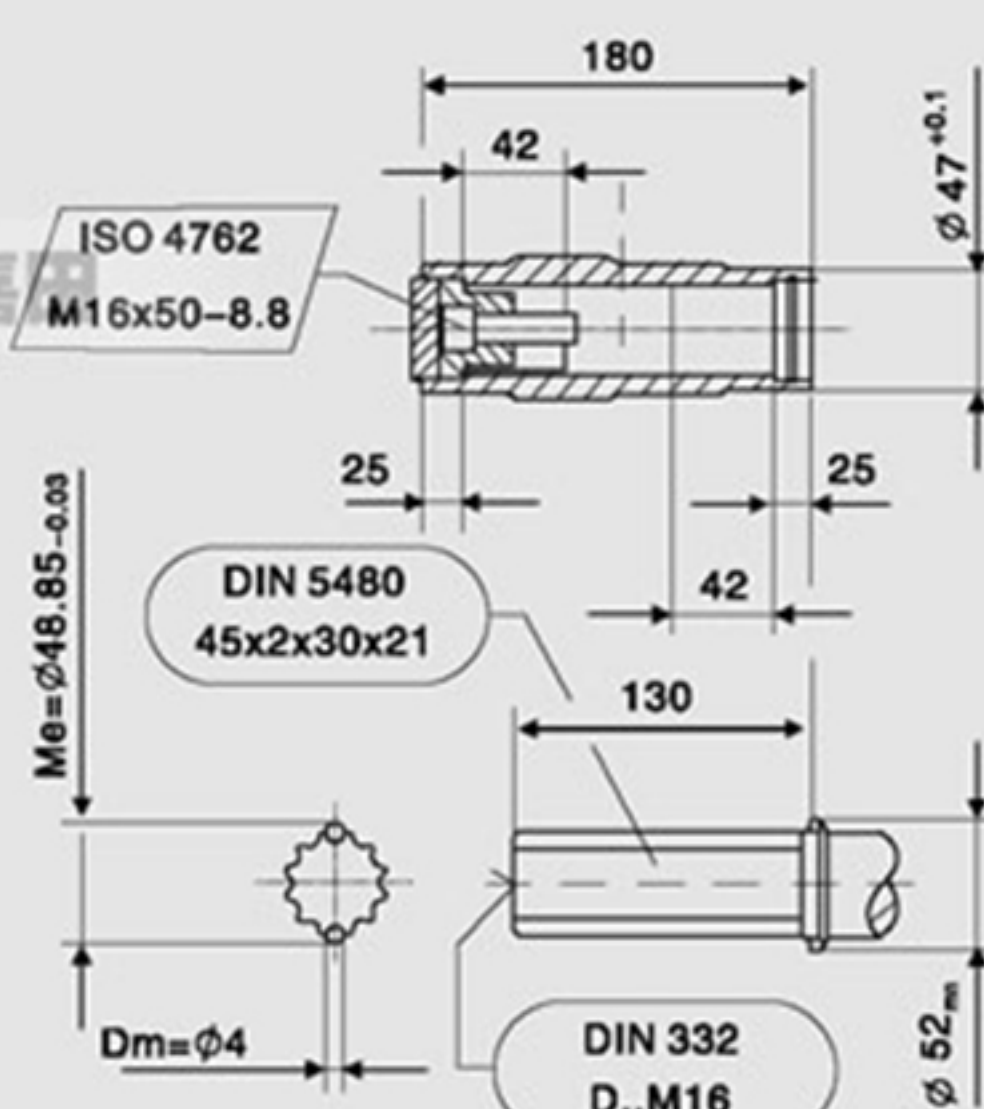
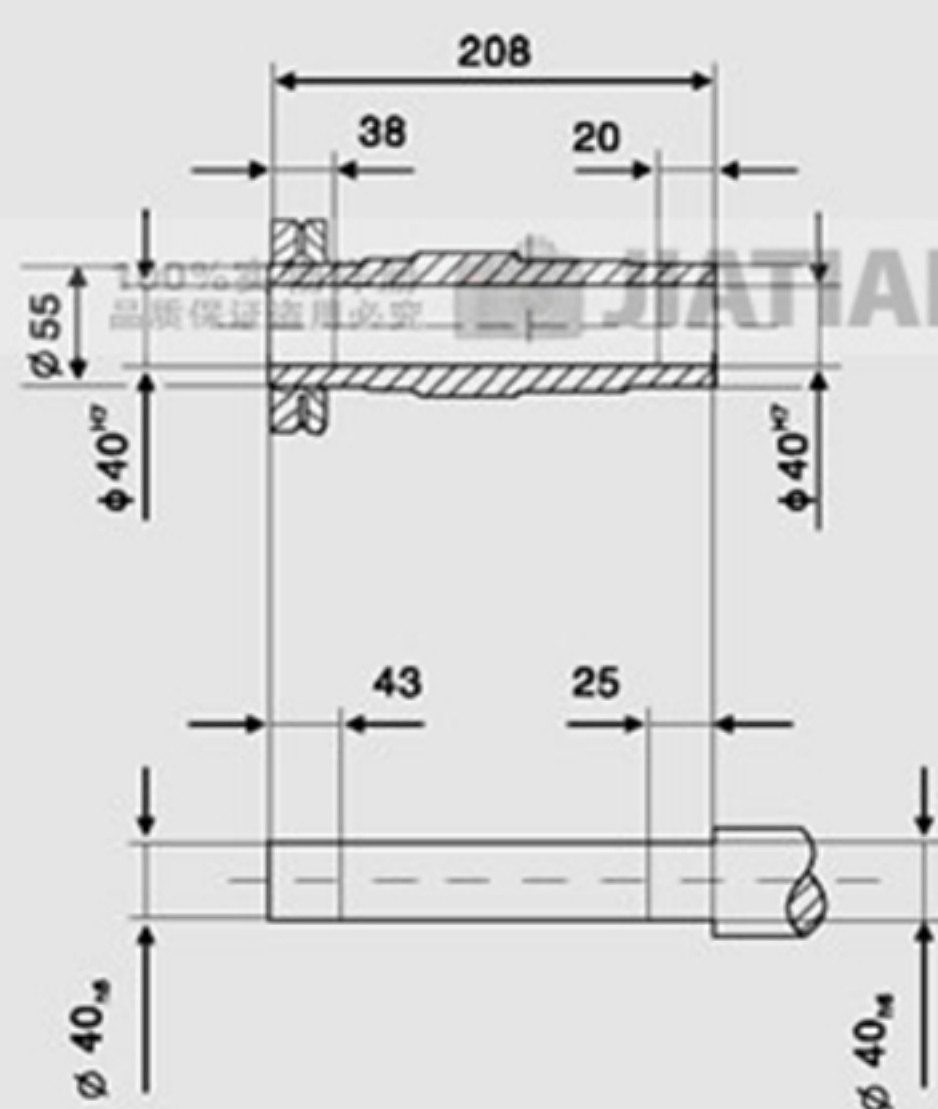
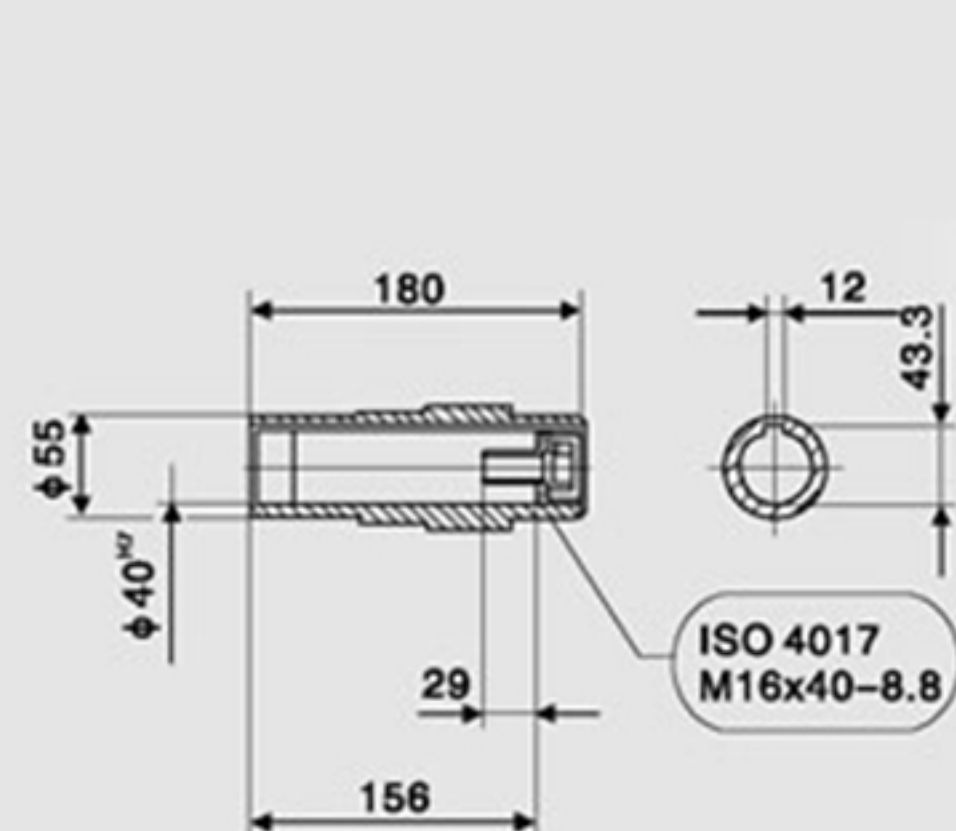
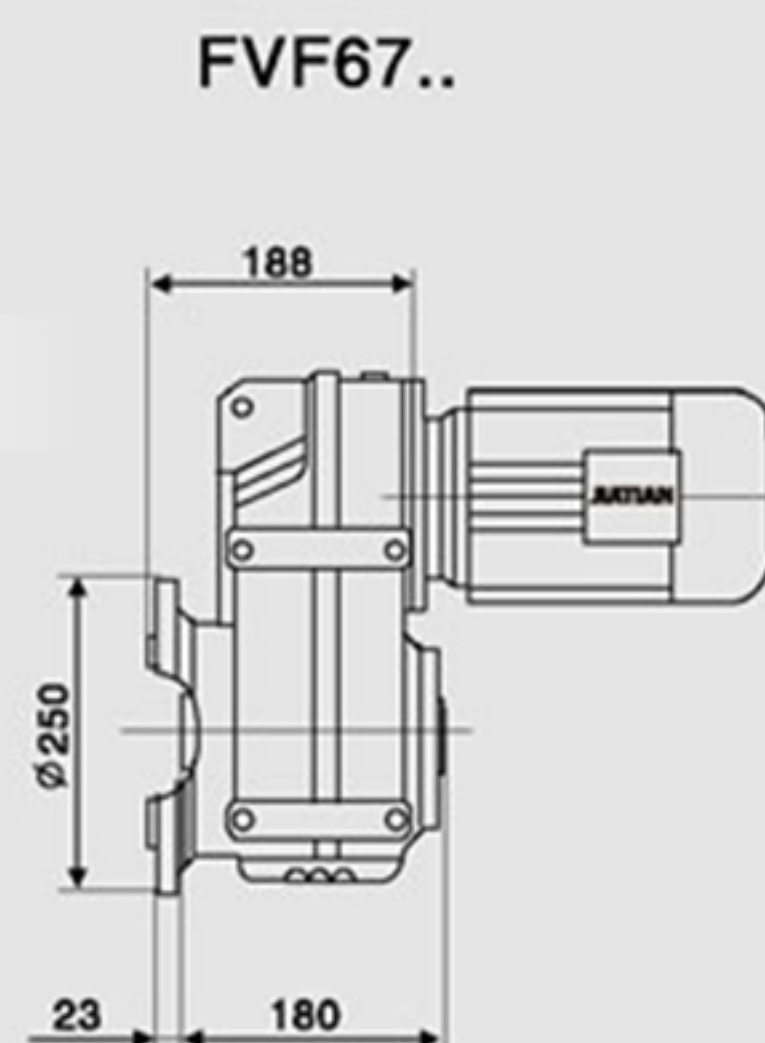
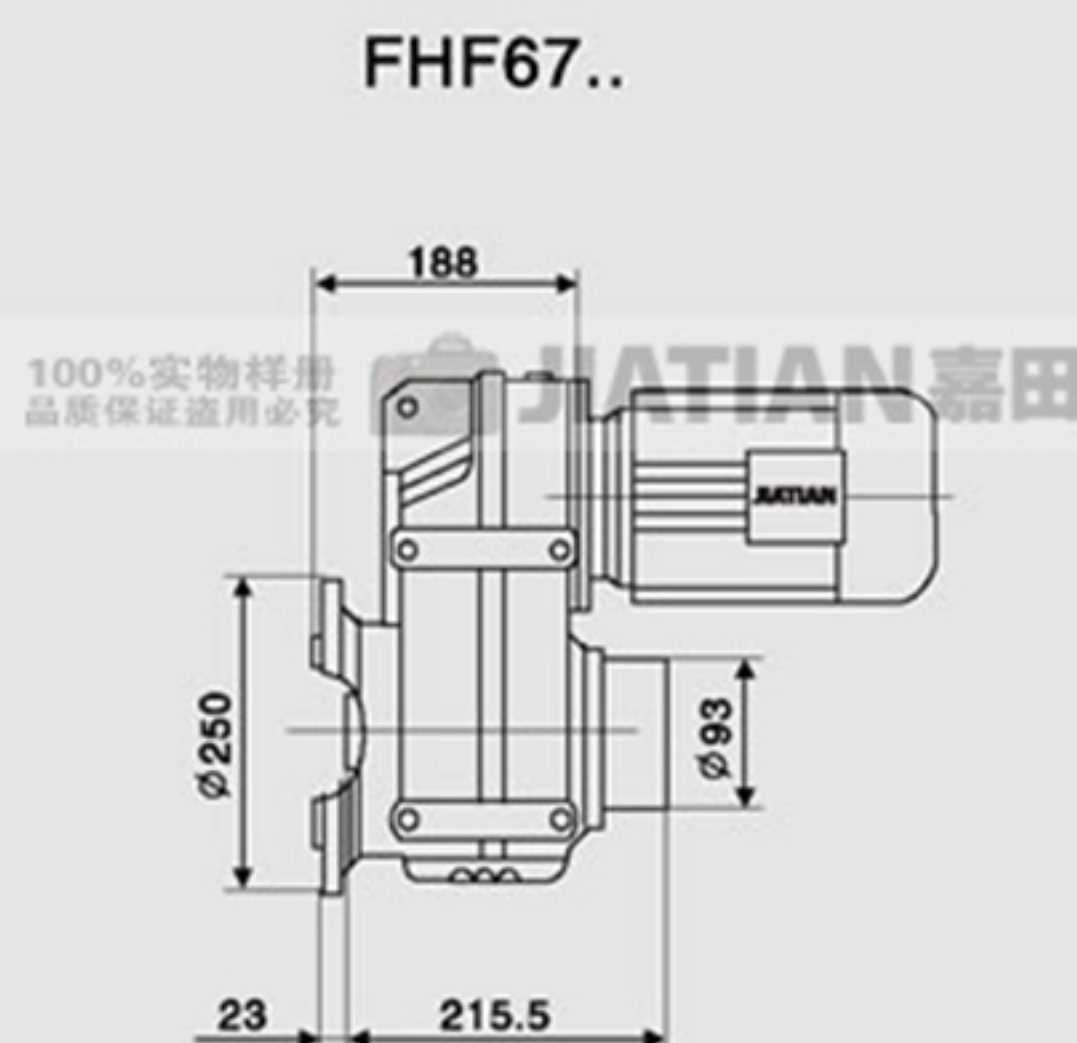
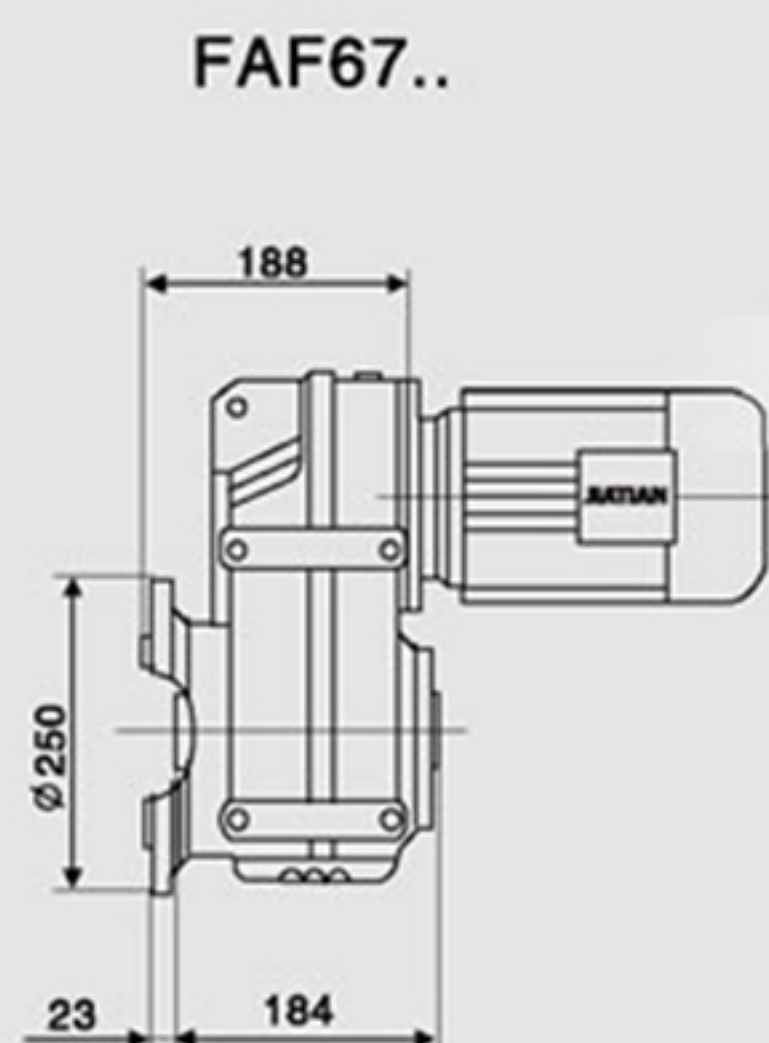
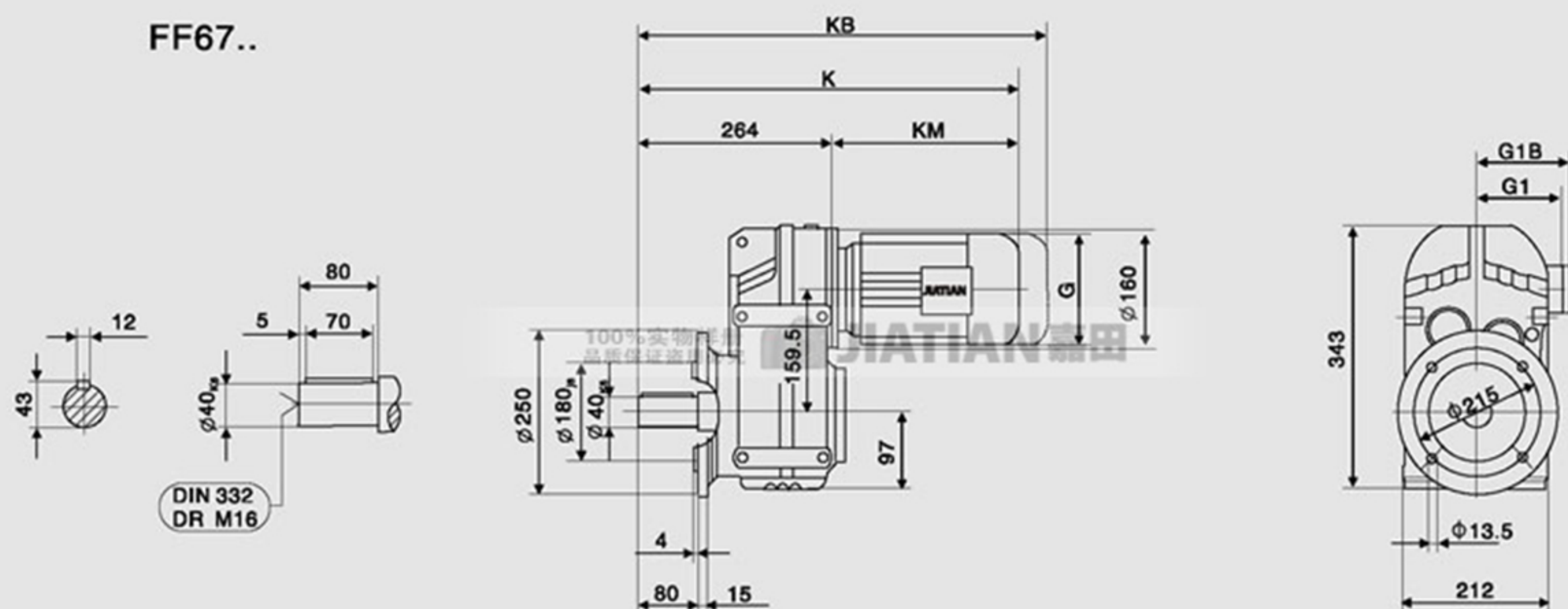
注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。





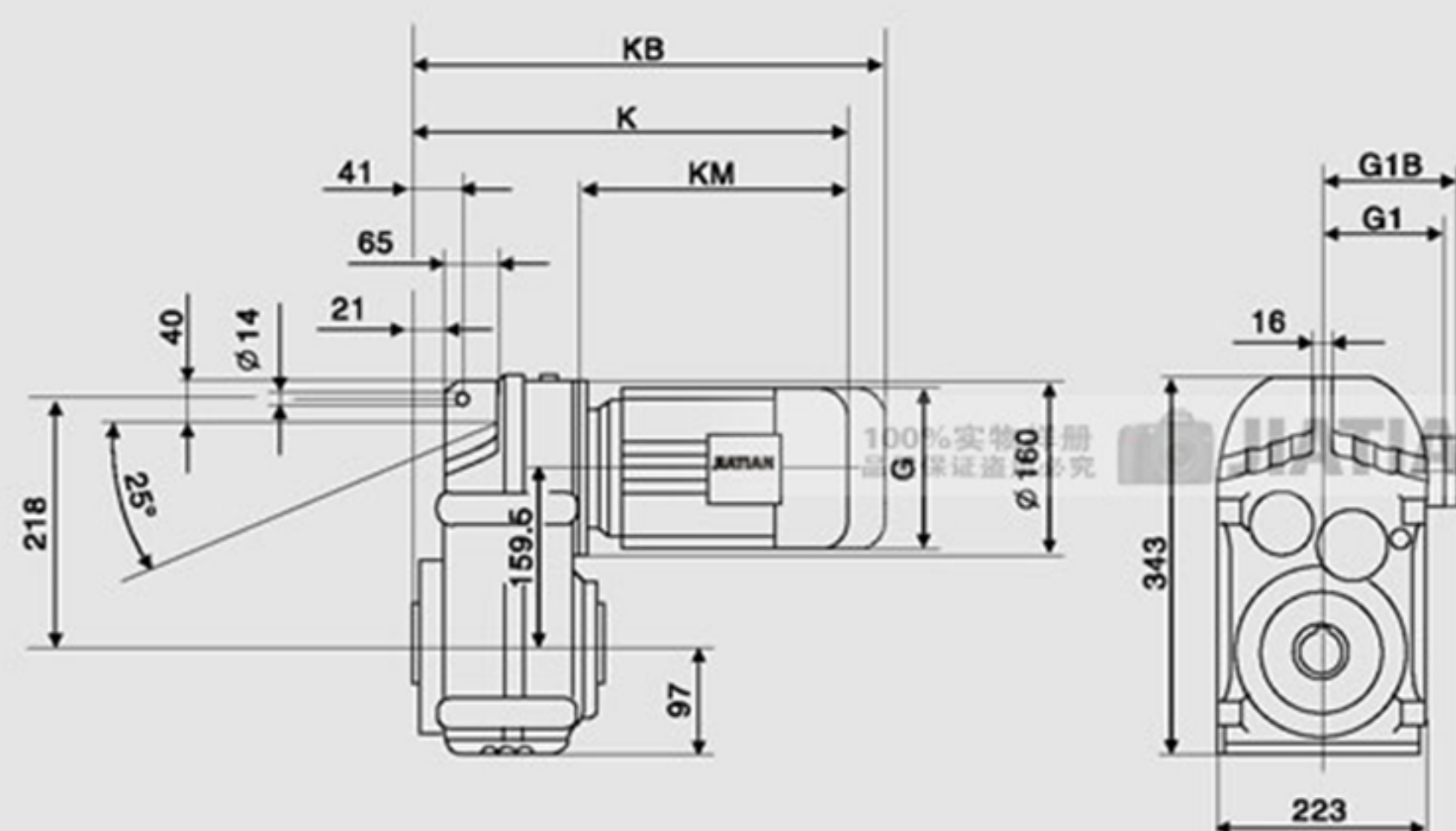




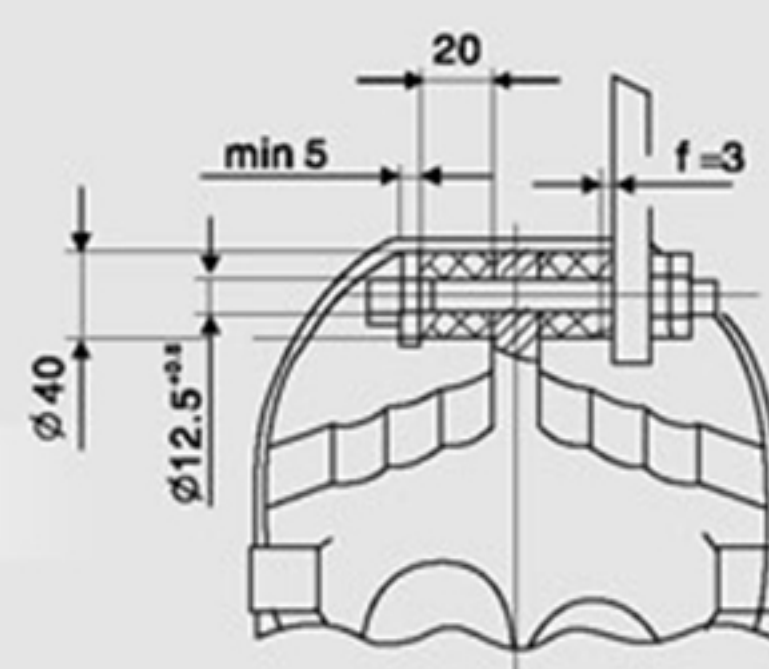
注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

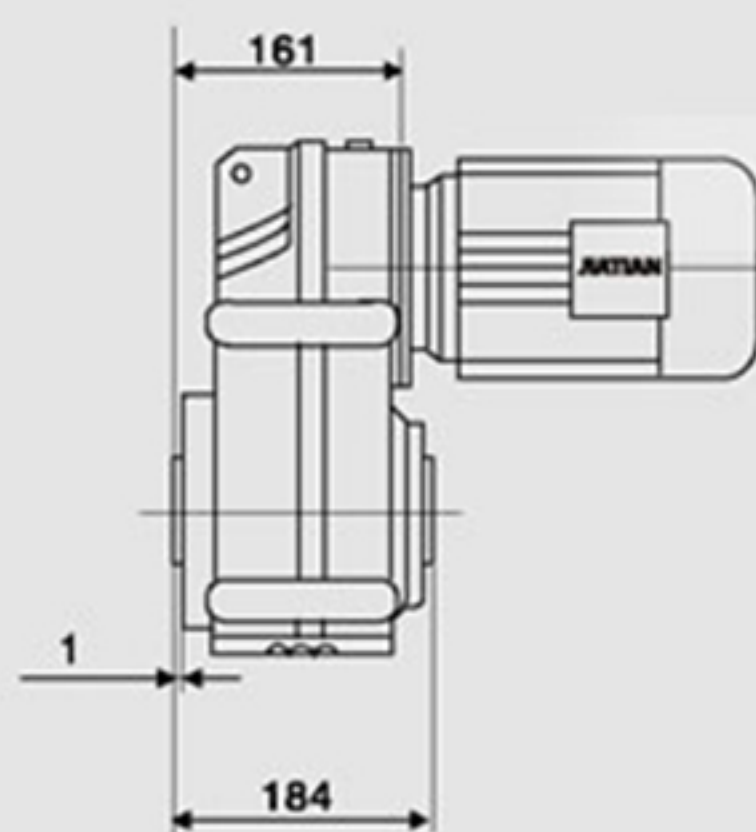




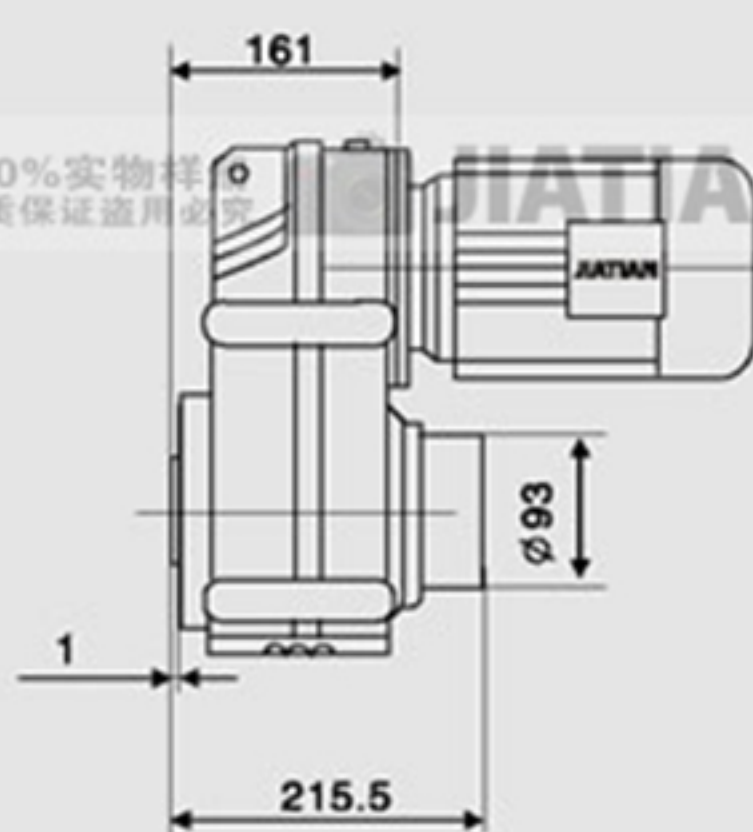
F..G67..



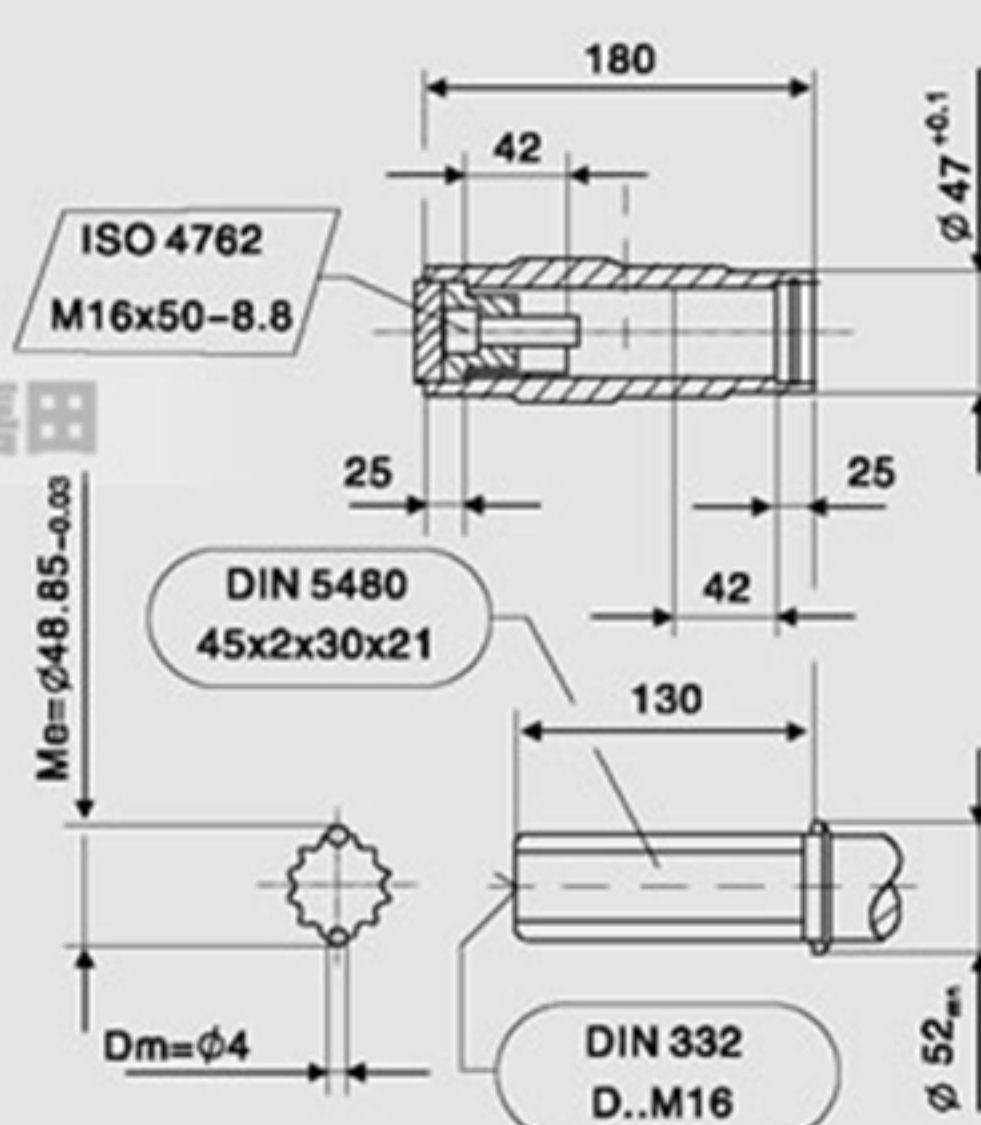
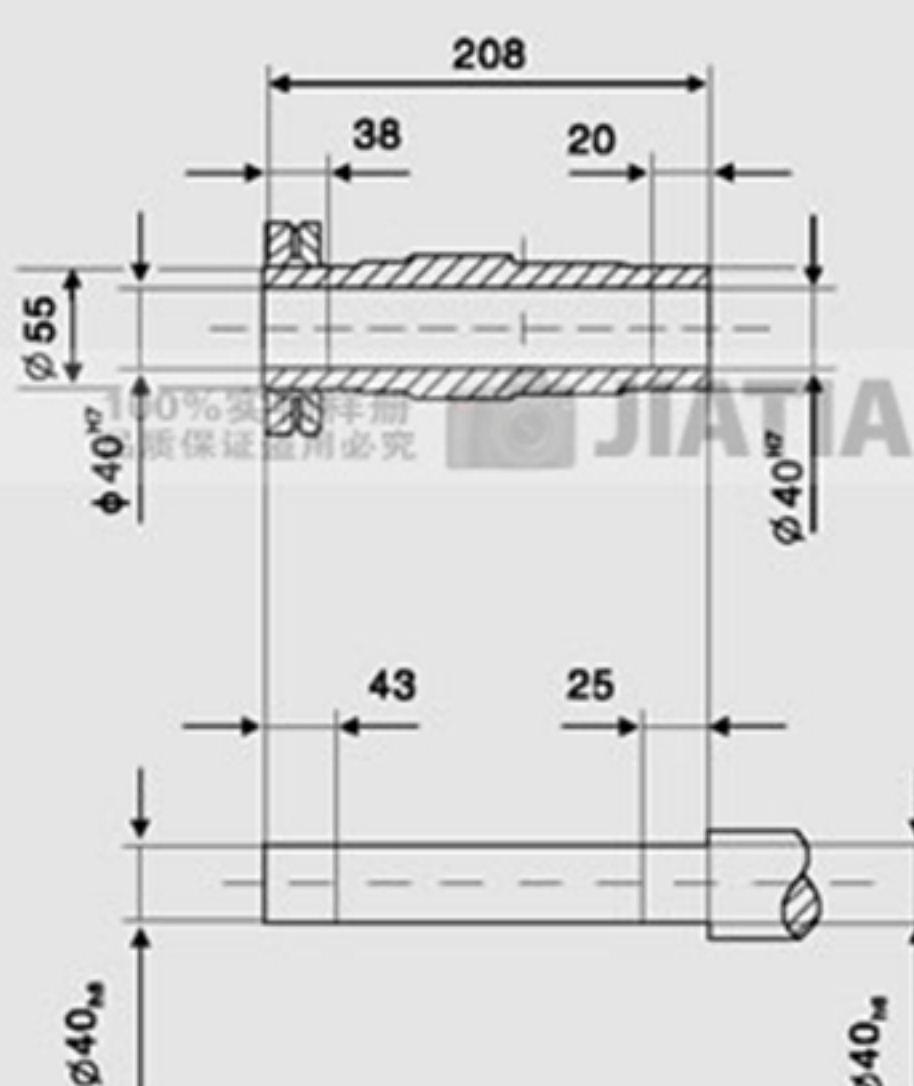
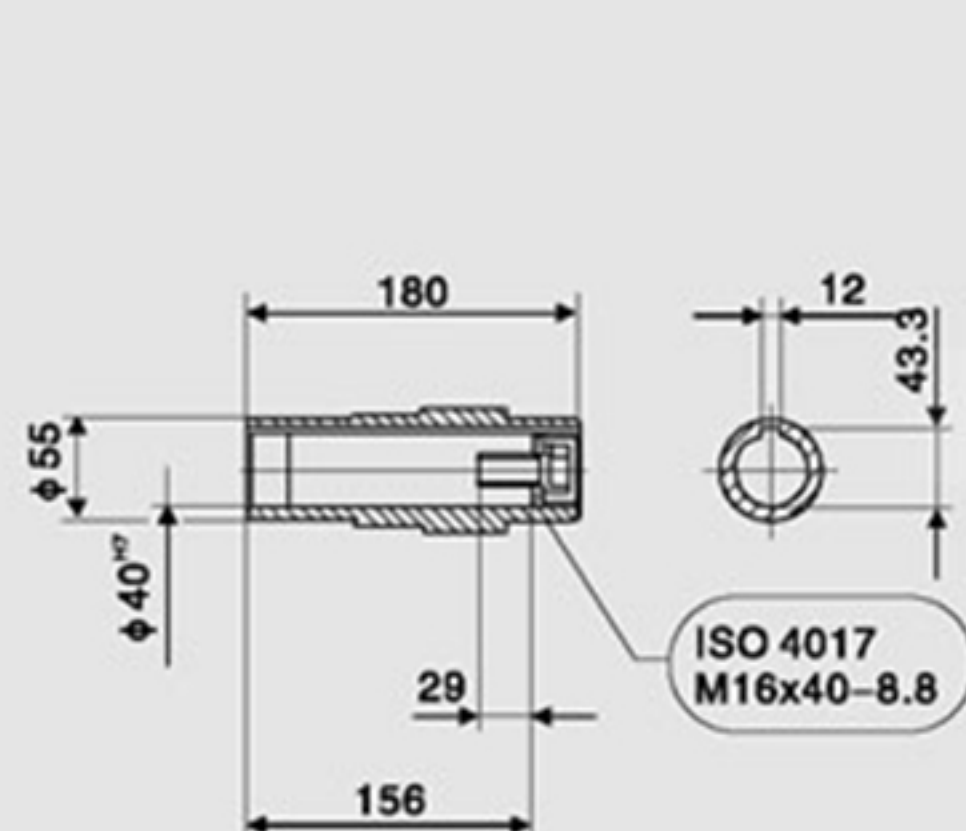
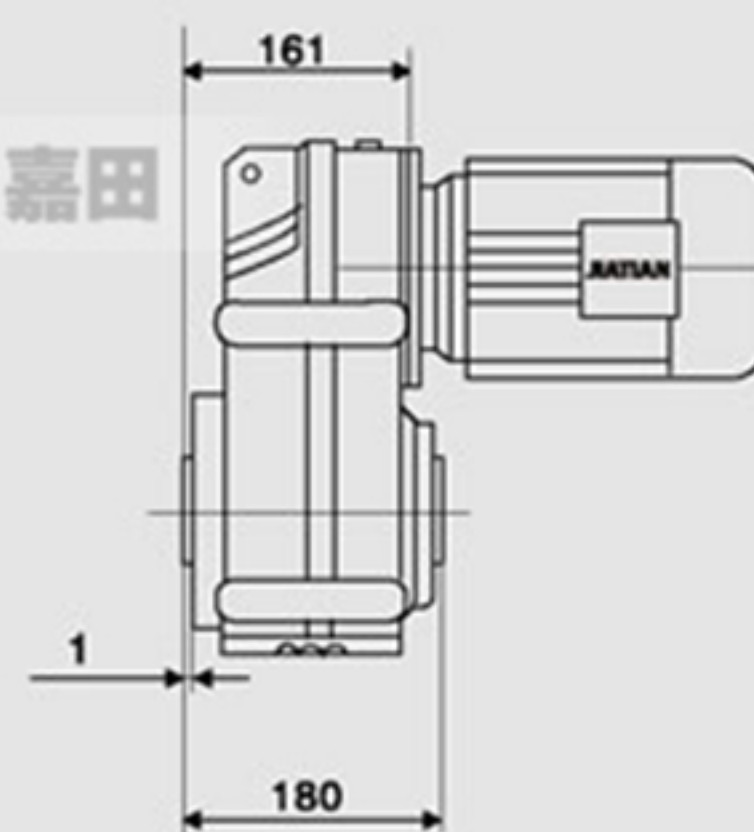
FA67..



FH67..



FV67..

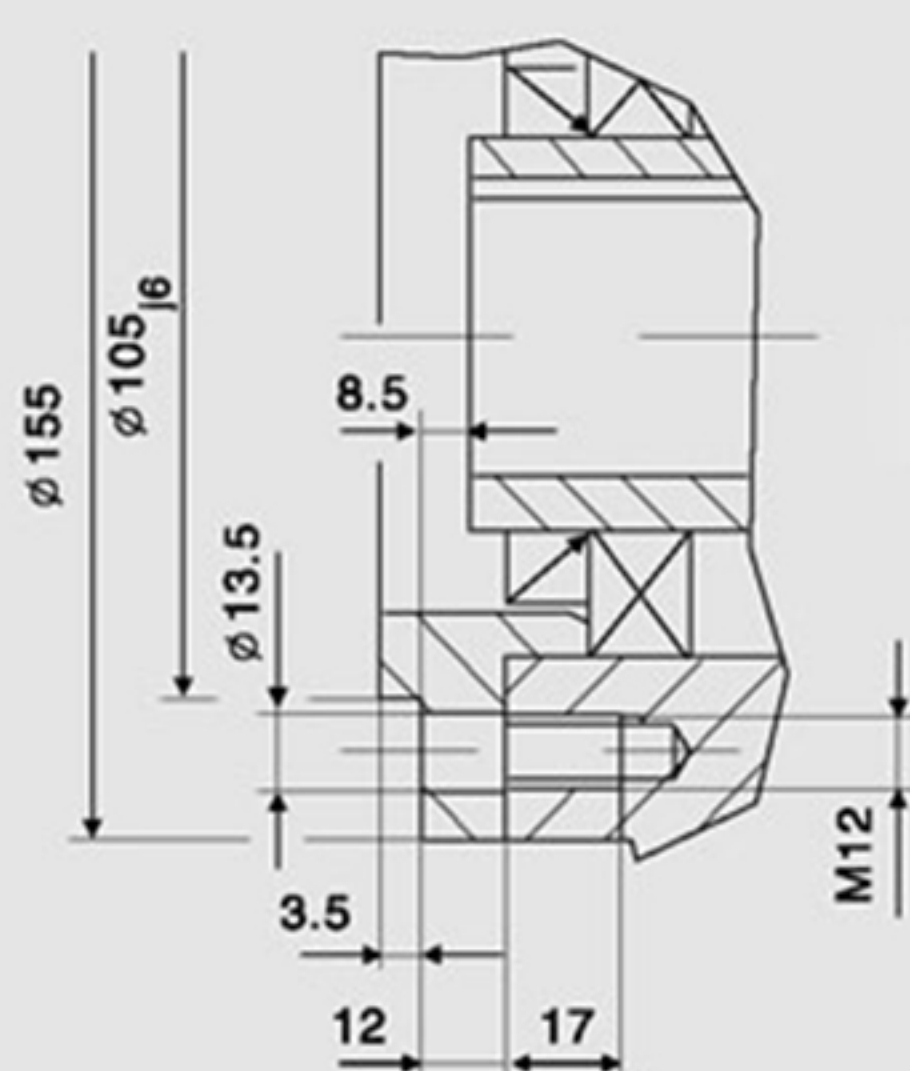


注1: 图中KM、G1、G的尺寸见第330页。

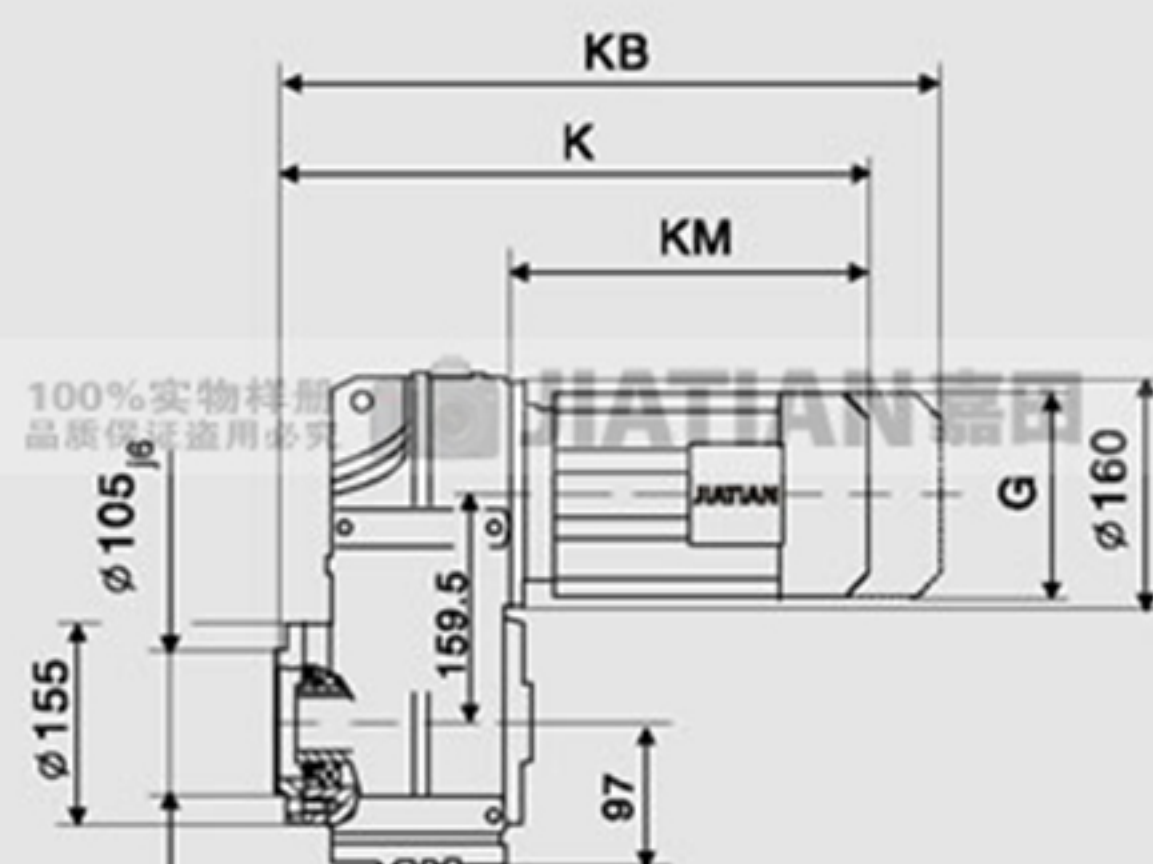
2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



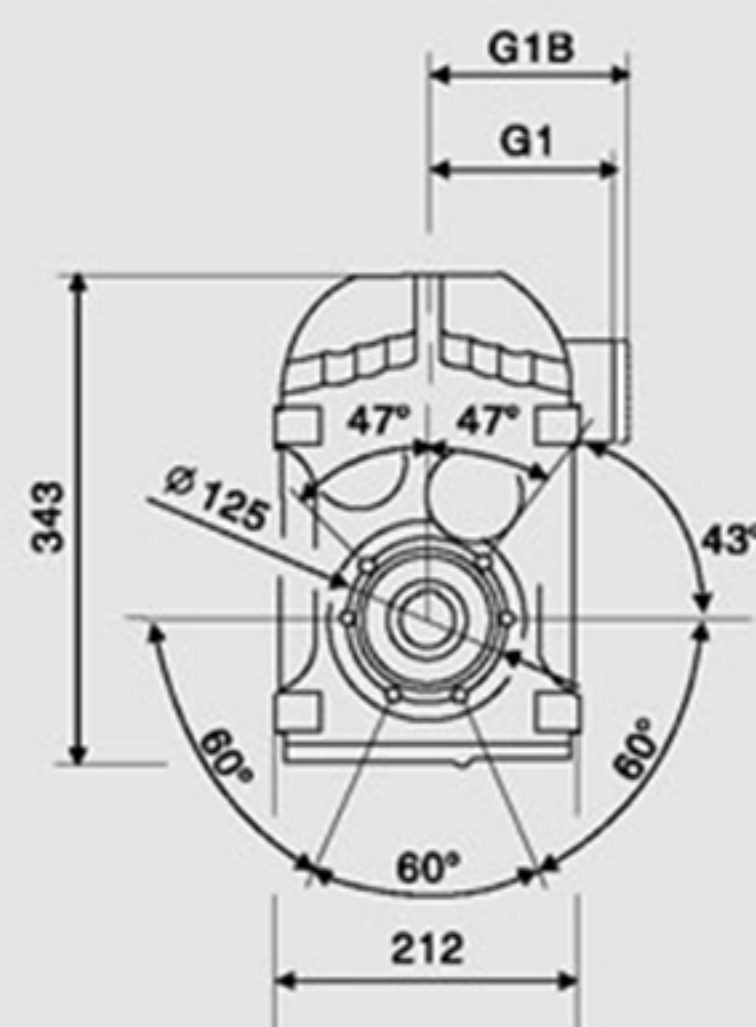
## F系列减速机外形安装尺寸



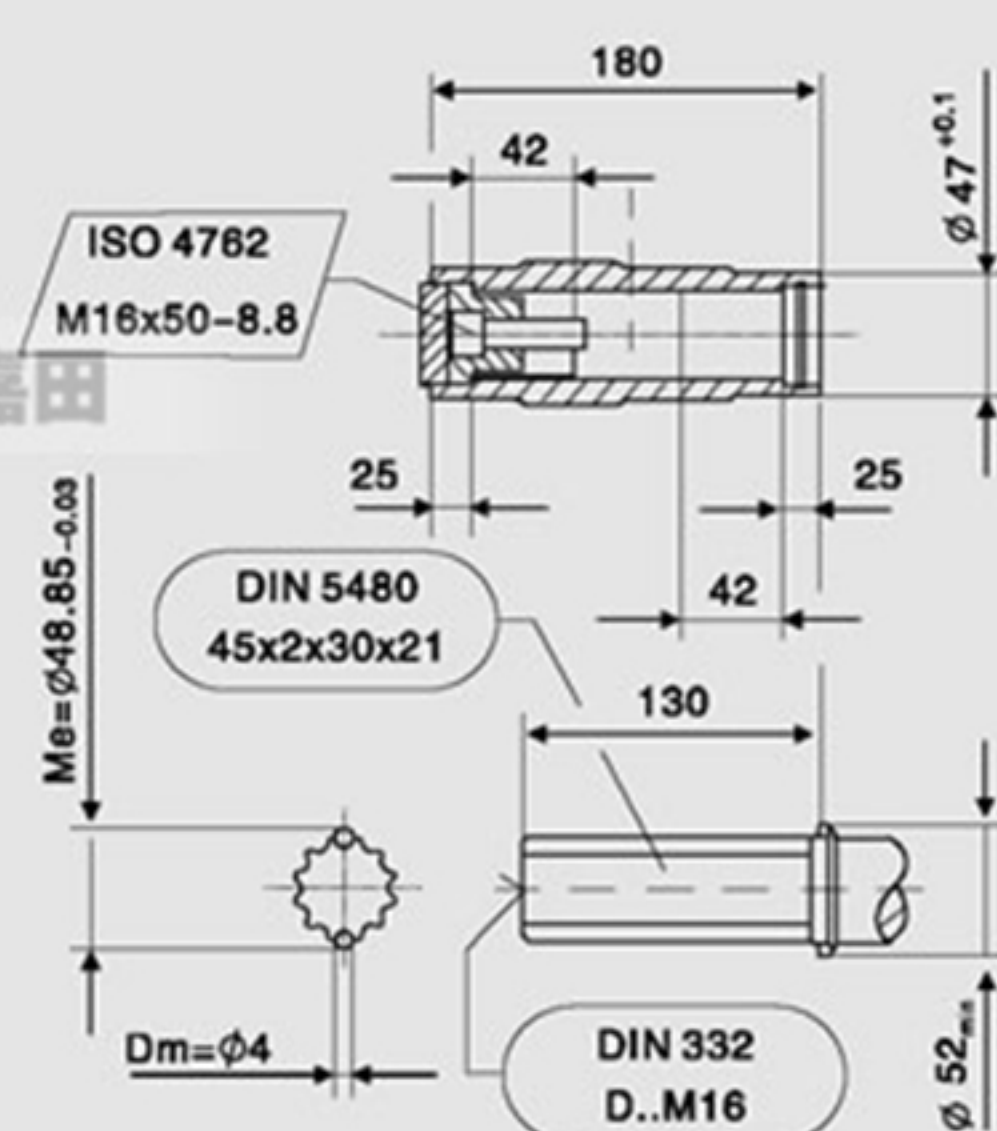
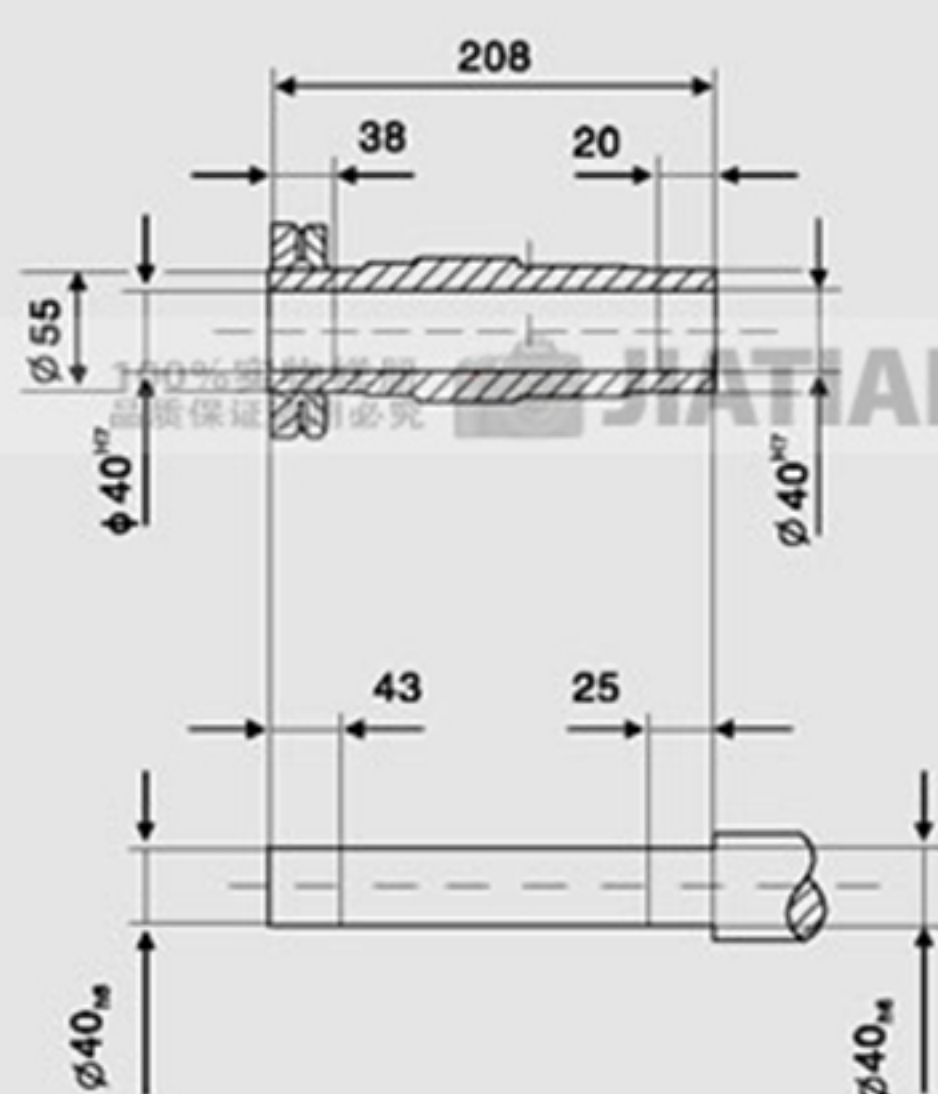
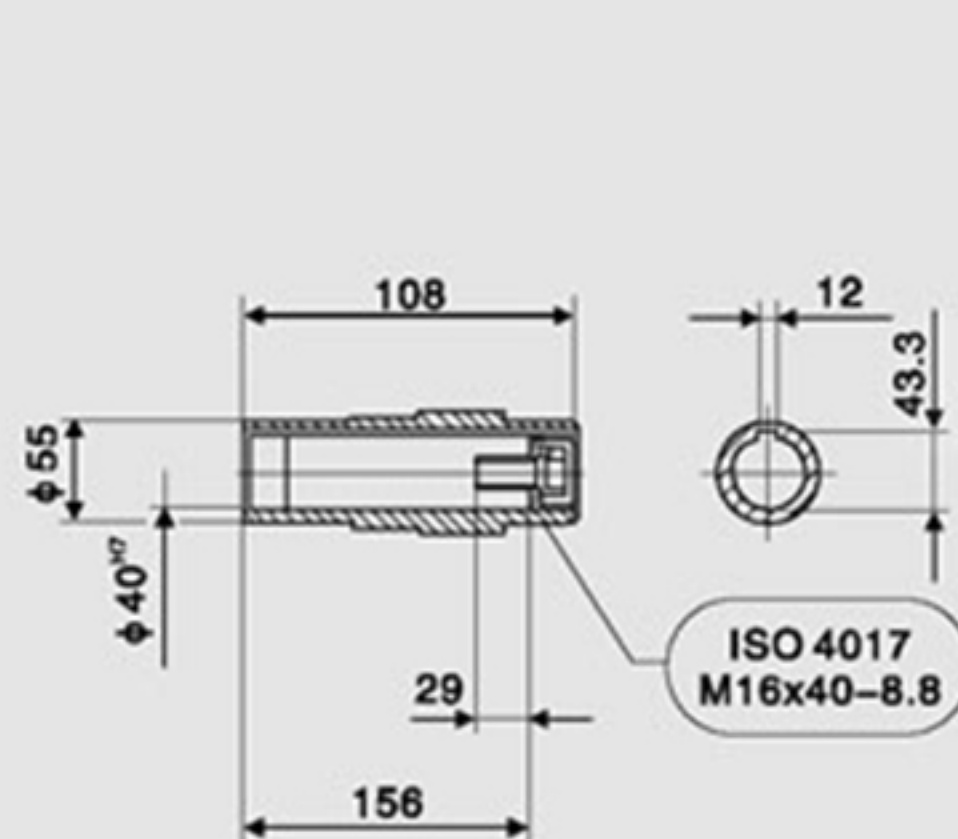
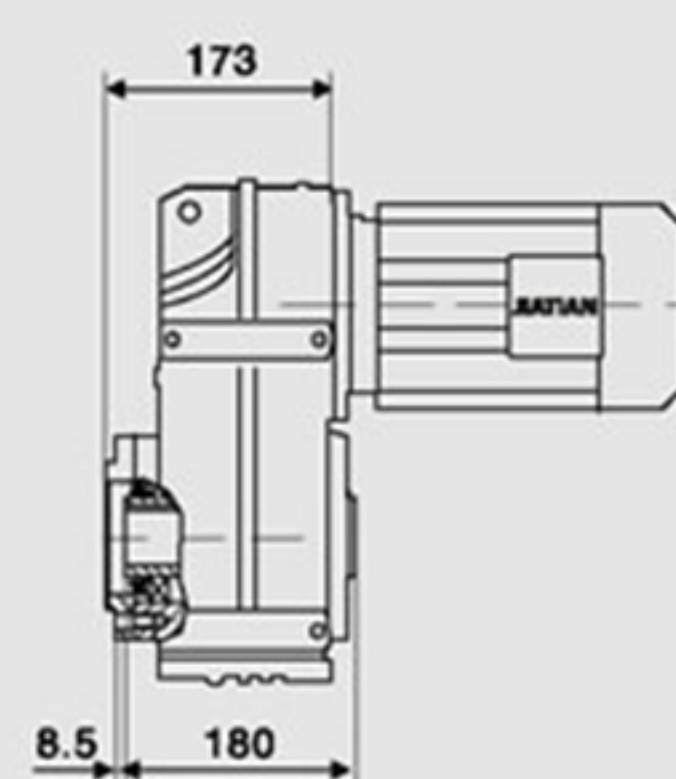
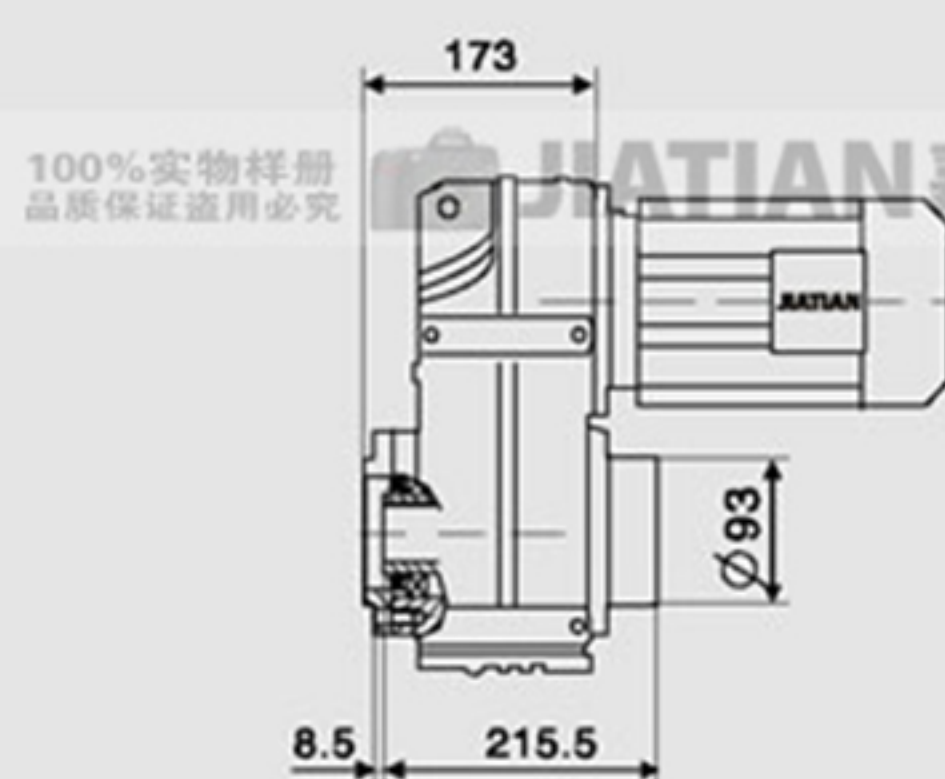
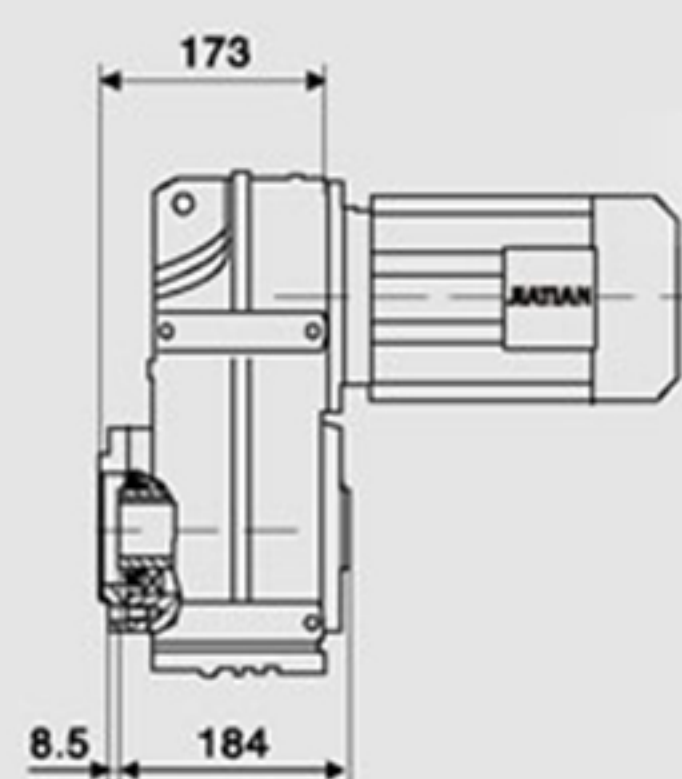
FAZ67..



FHZ67..



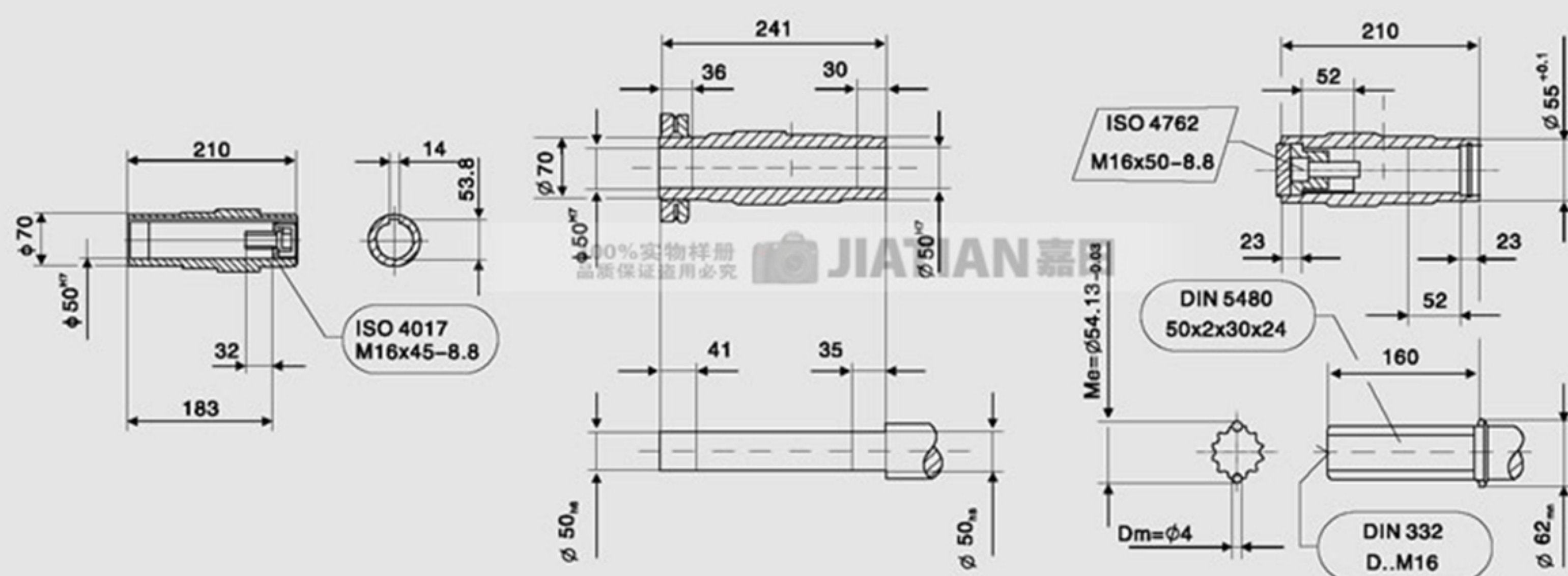
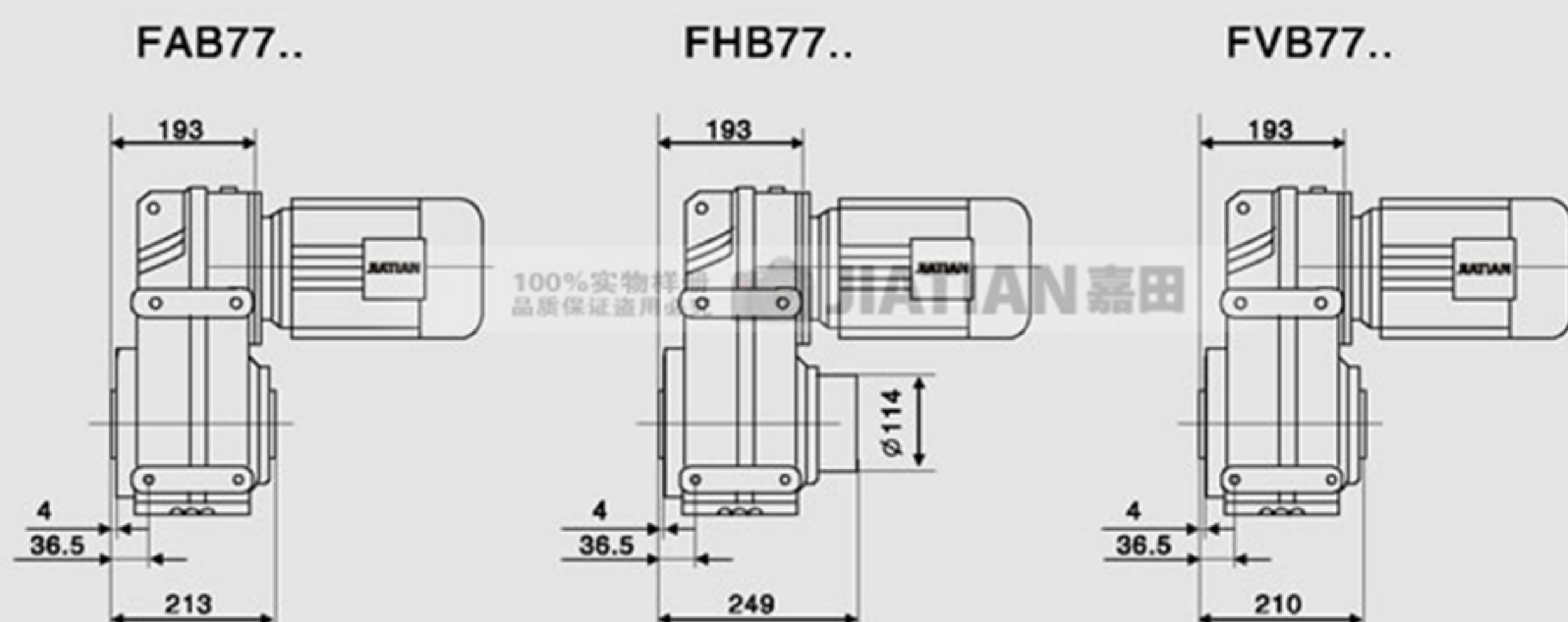
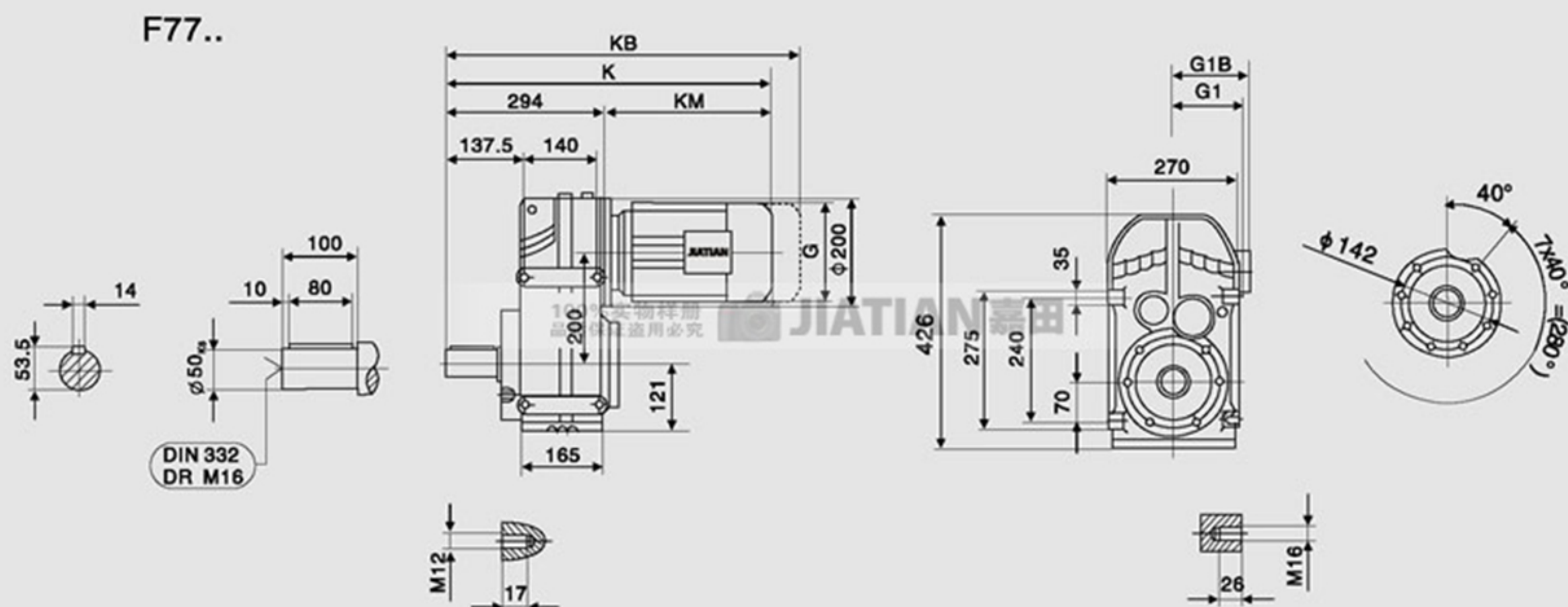
FVZ67..



注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



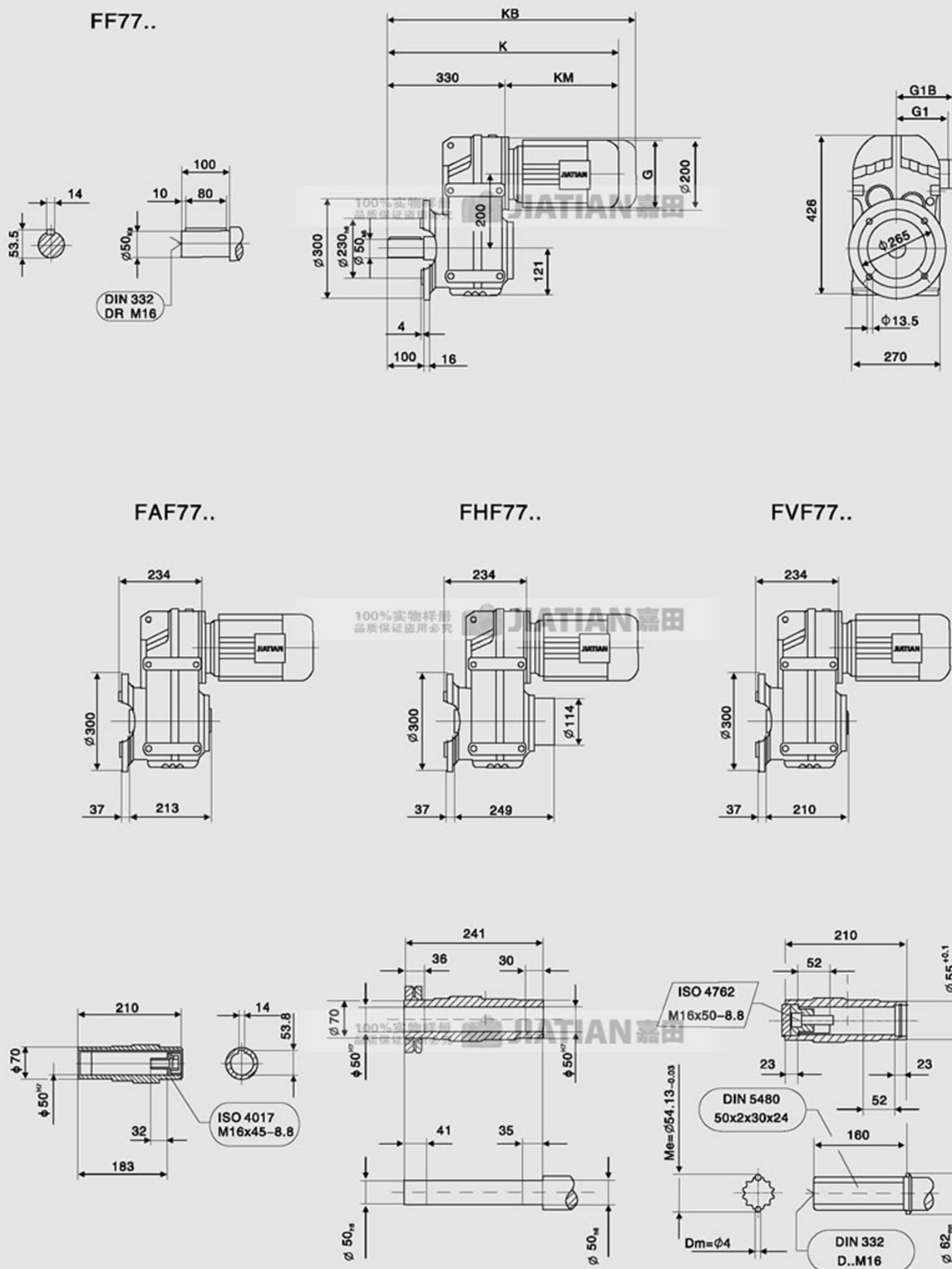


注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



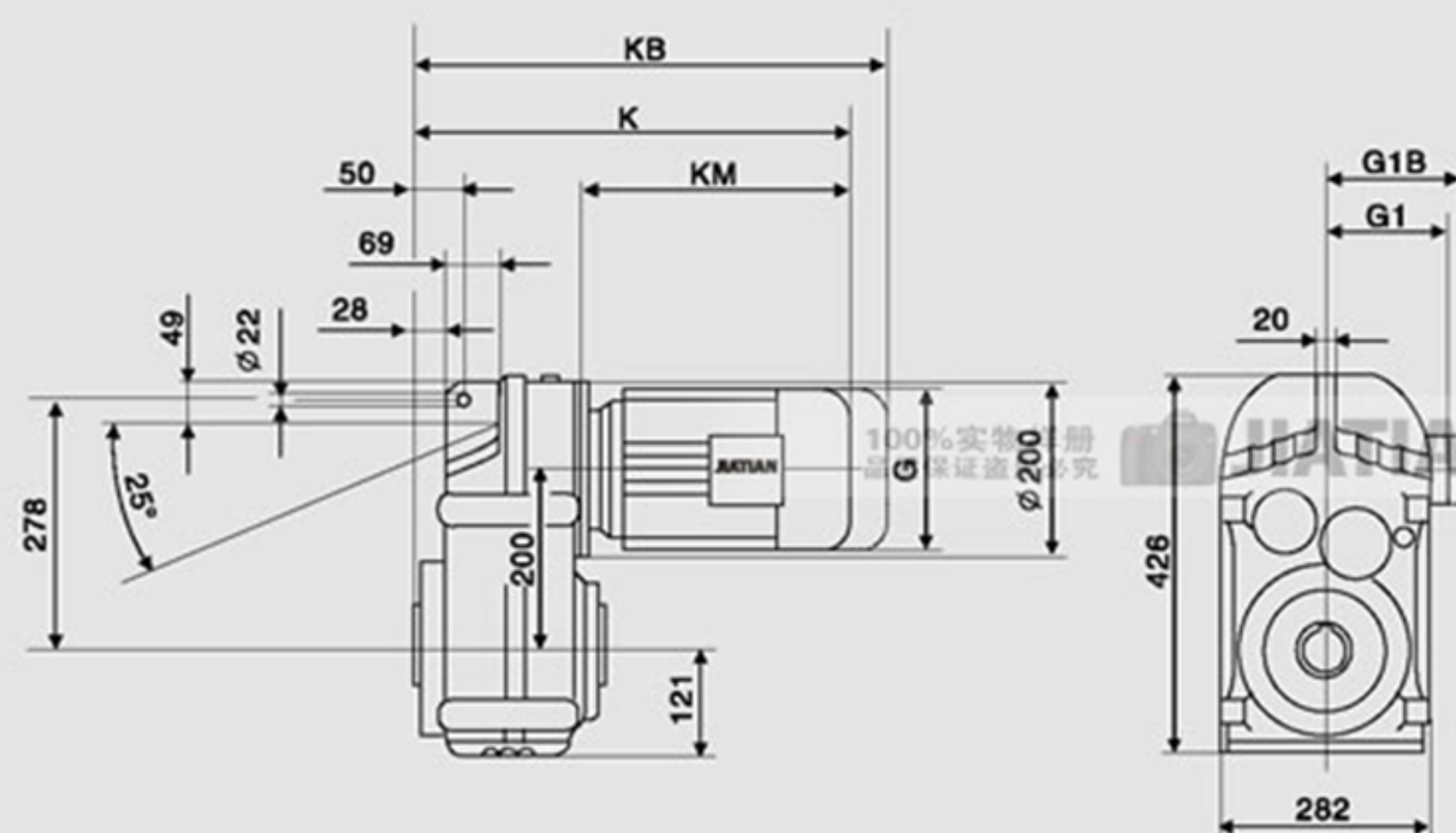
F系列减速机外形安装尺寸



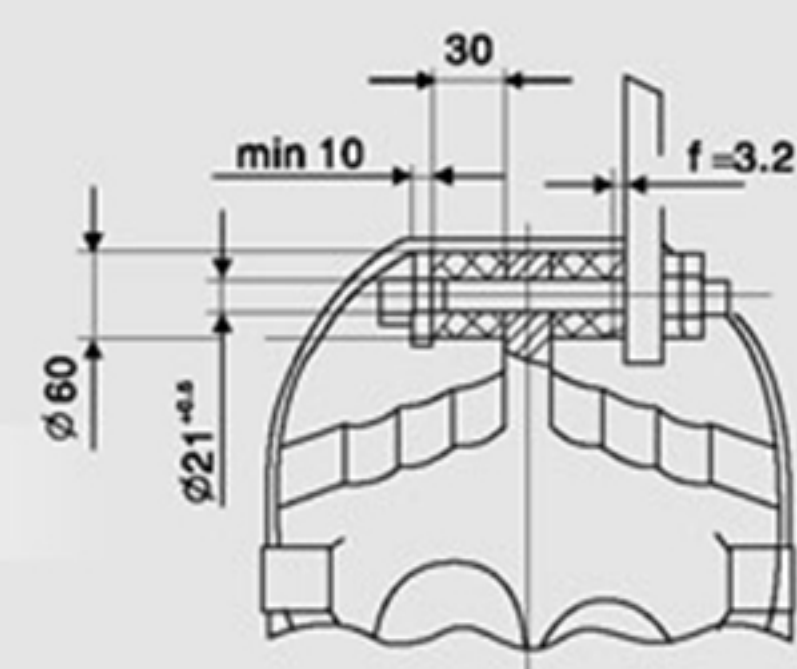
注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

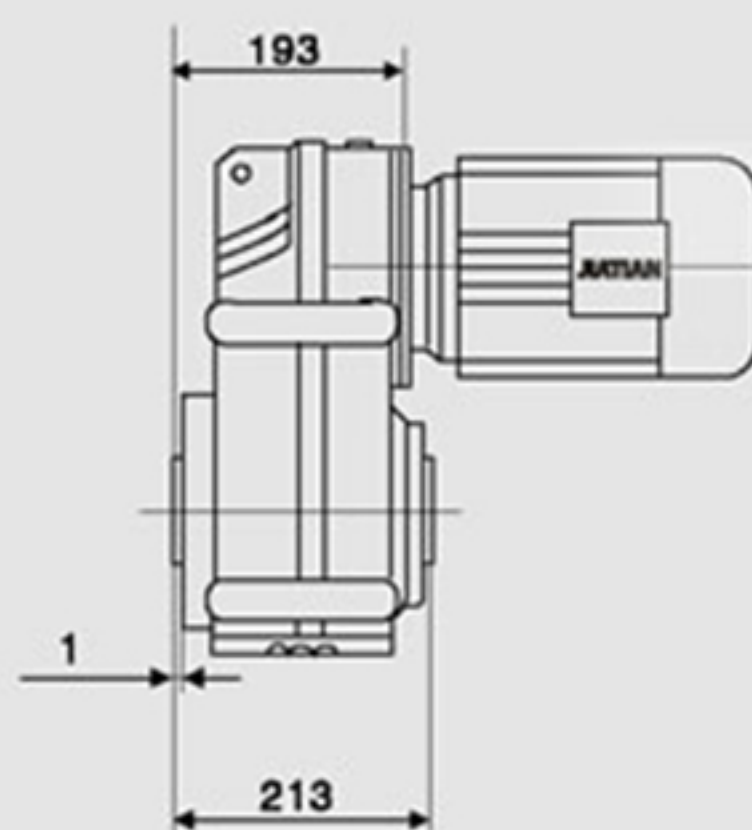




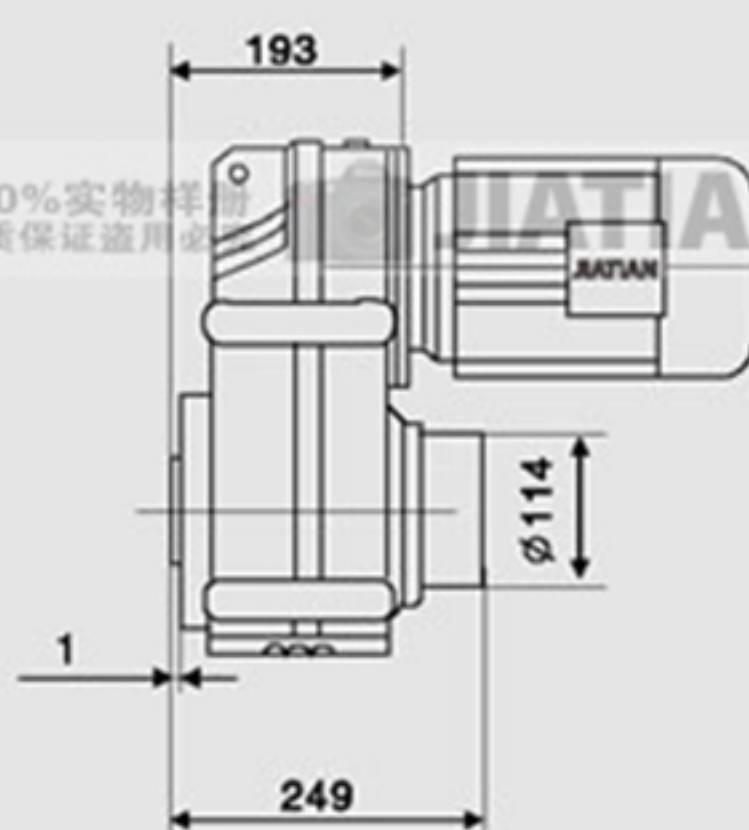
F..G77..



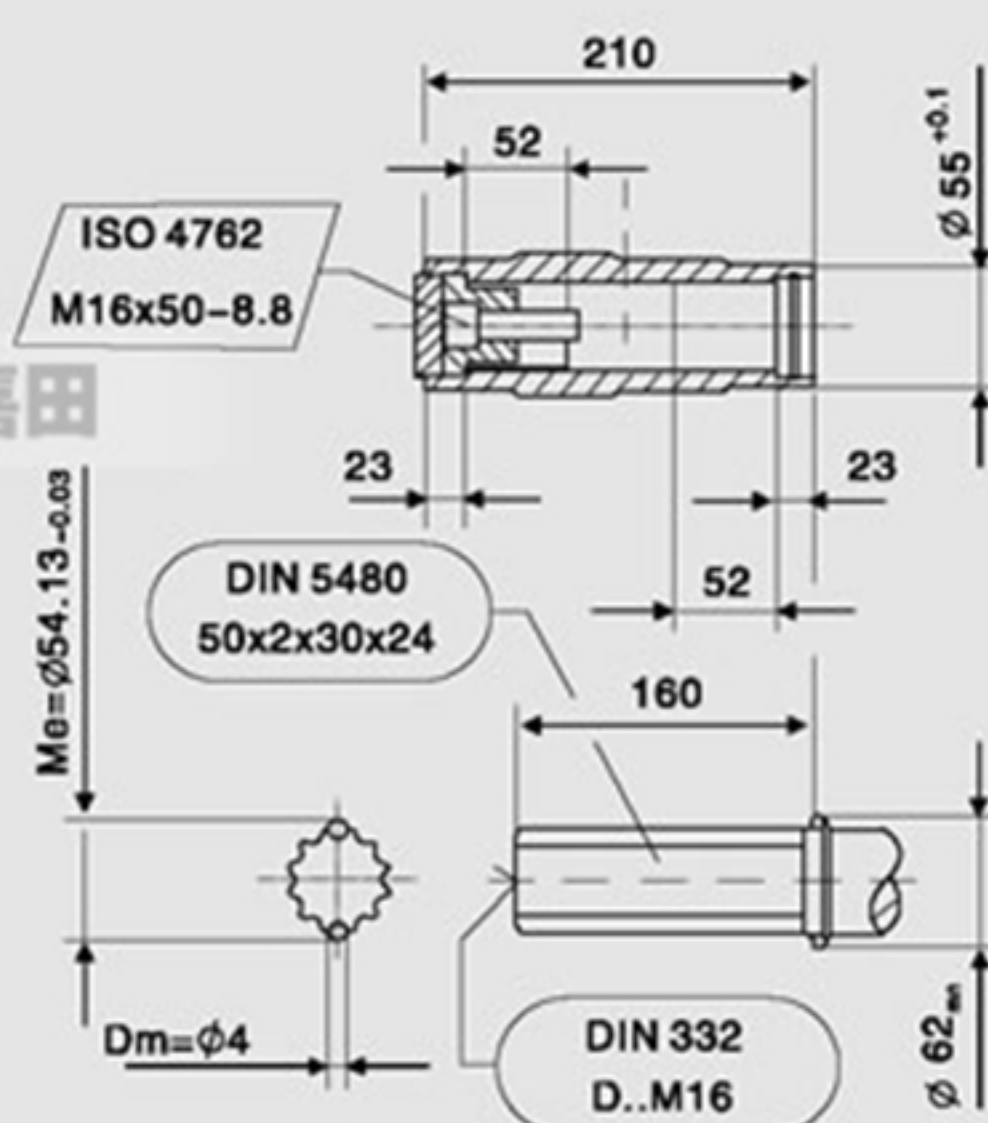
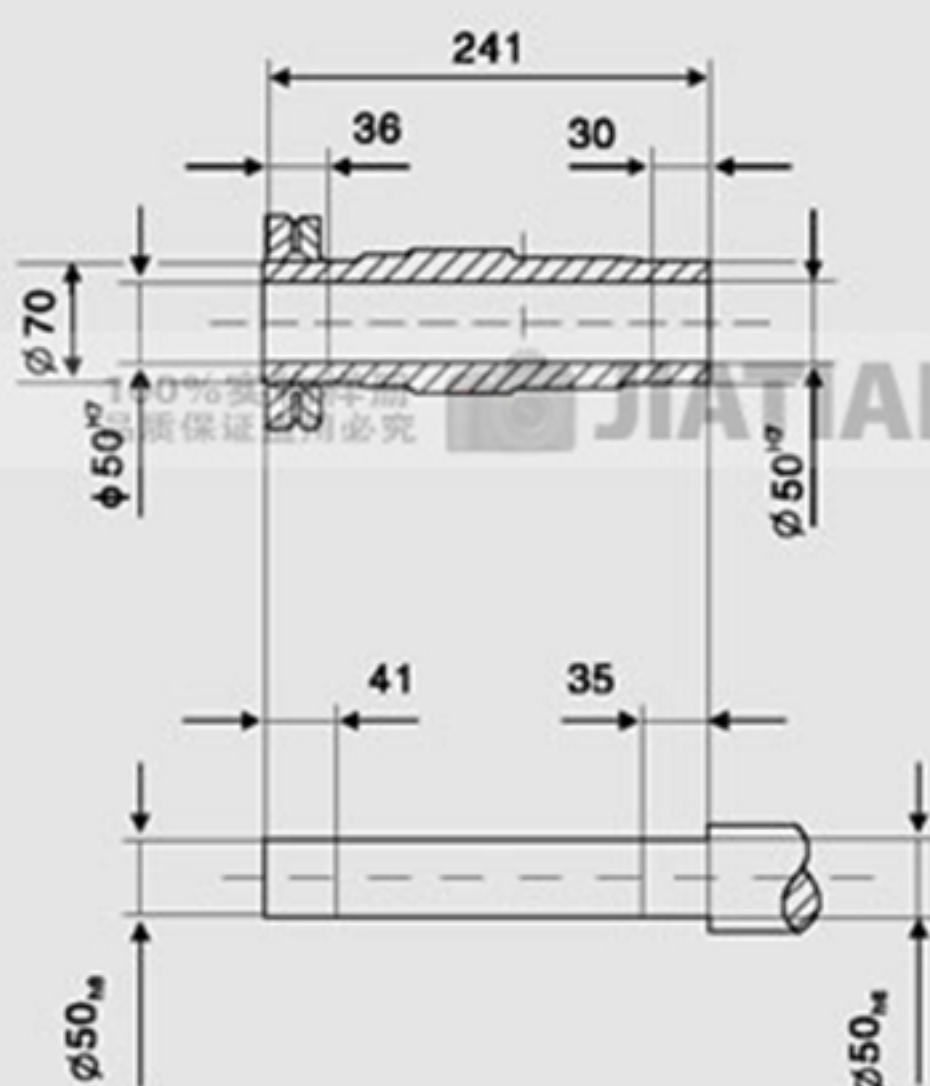
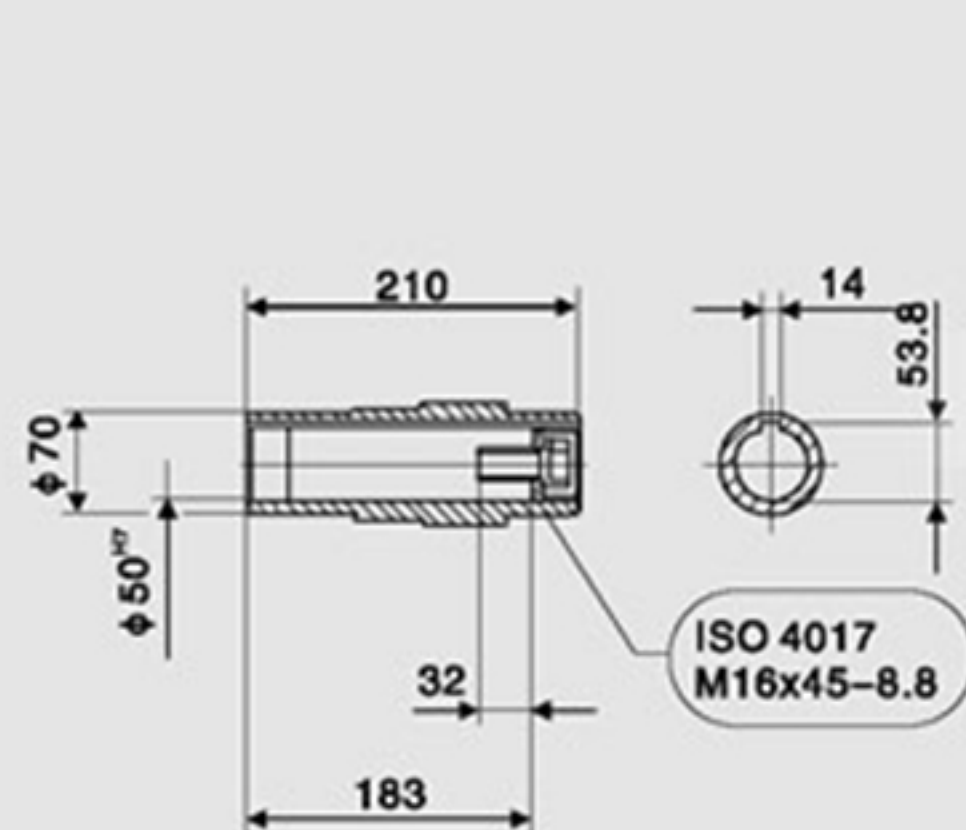
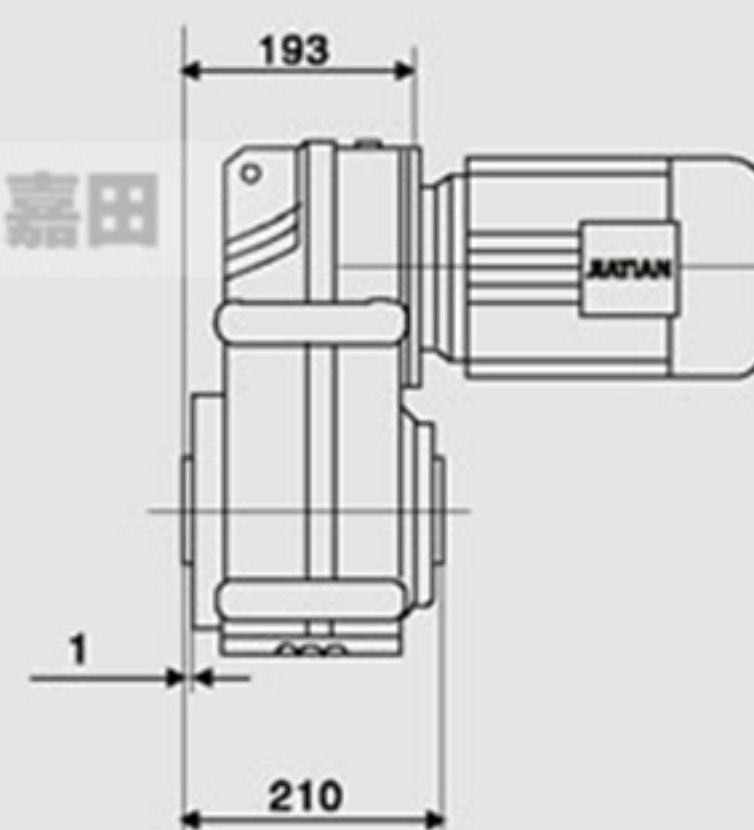
FA77..



FH77..



FV77..

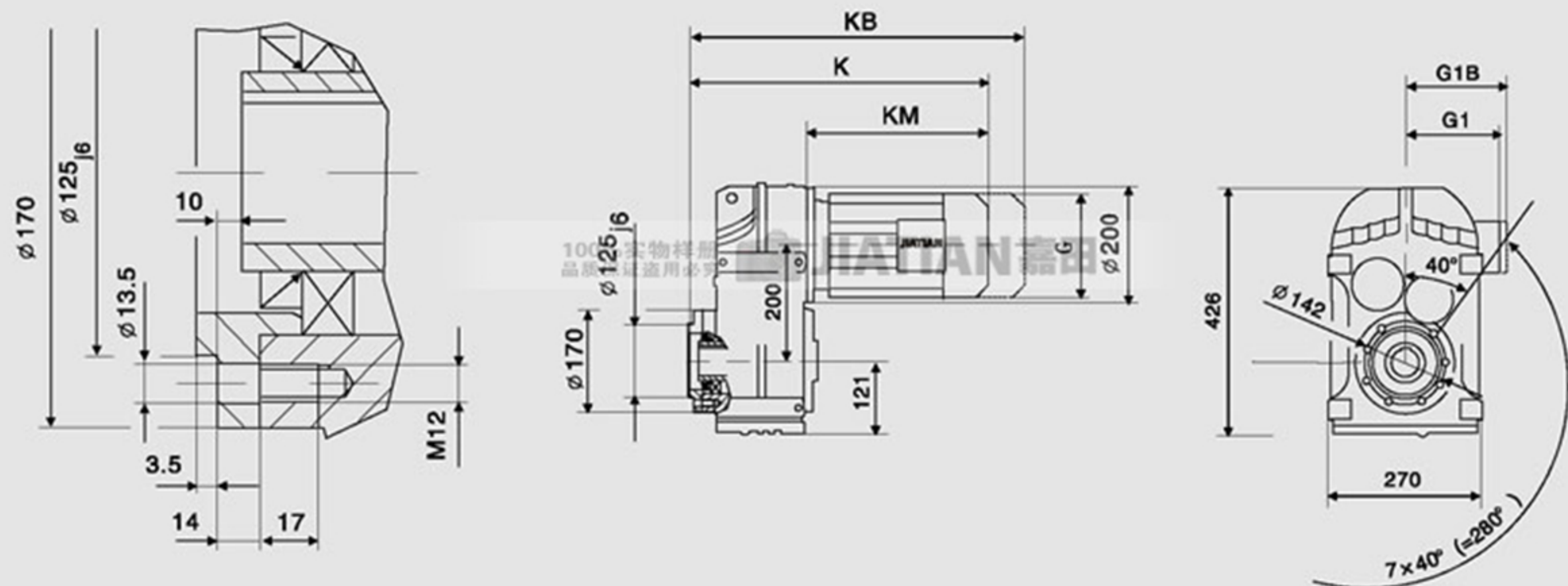


注1: 图中KM、G1、G的尺寸见第330页。

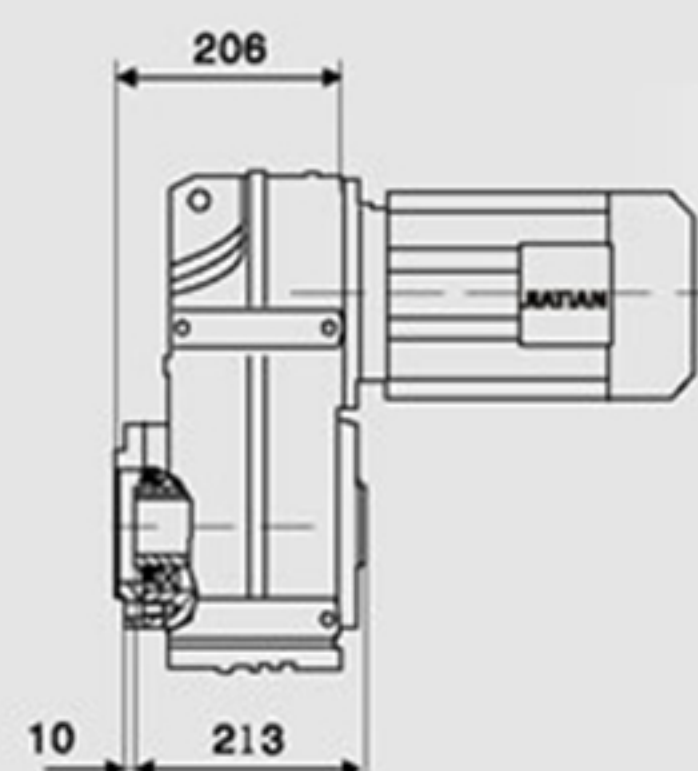
注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



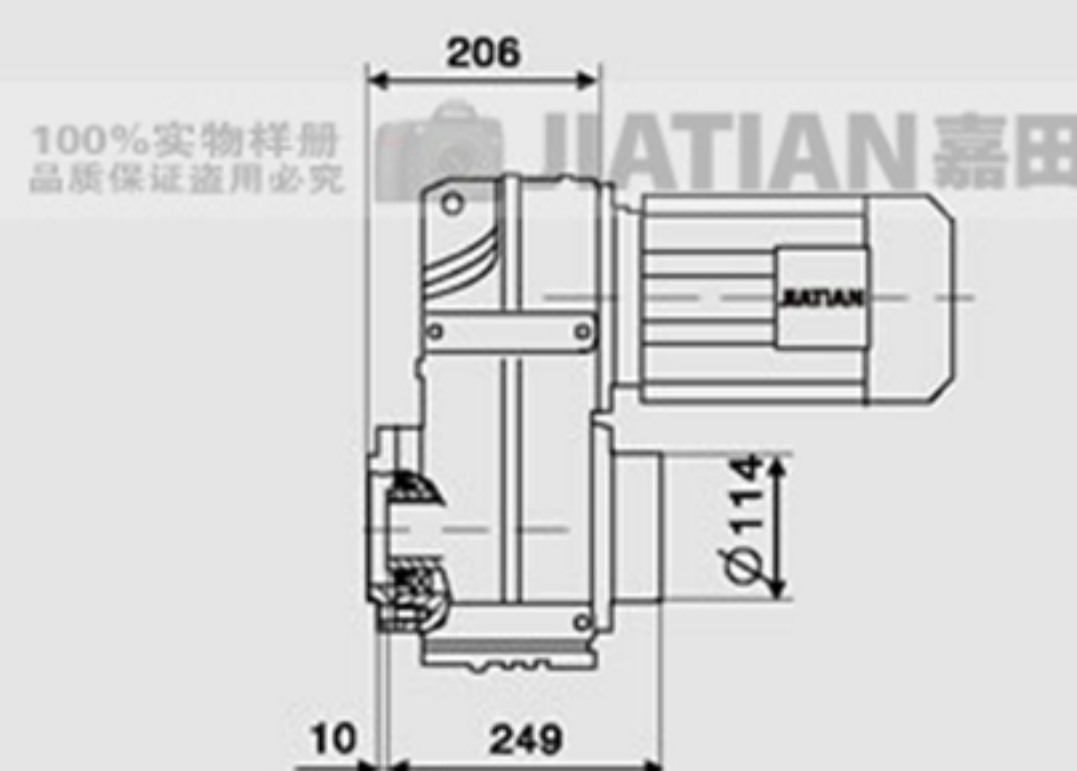
## F系列减速机外形安装尺寸



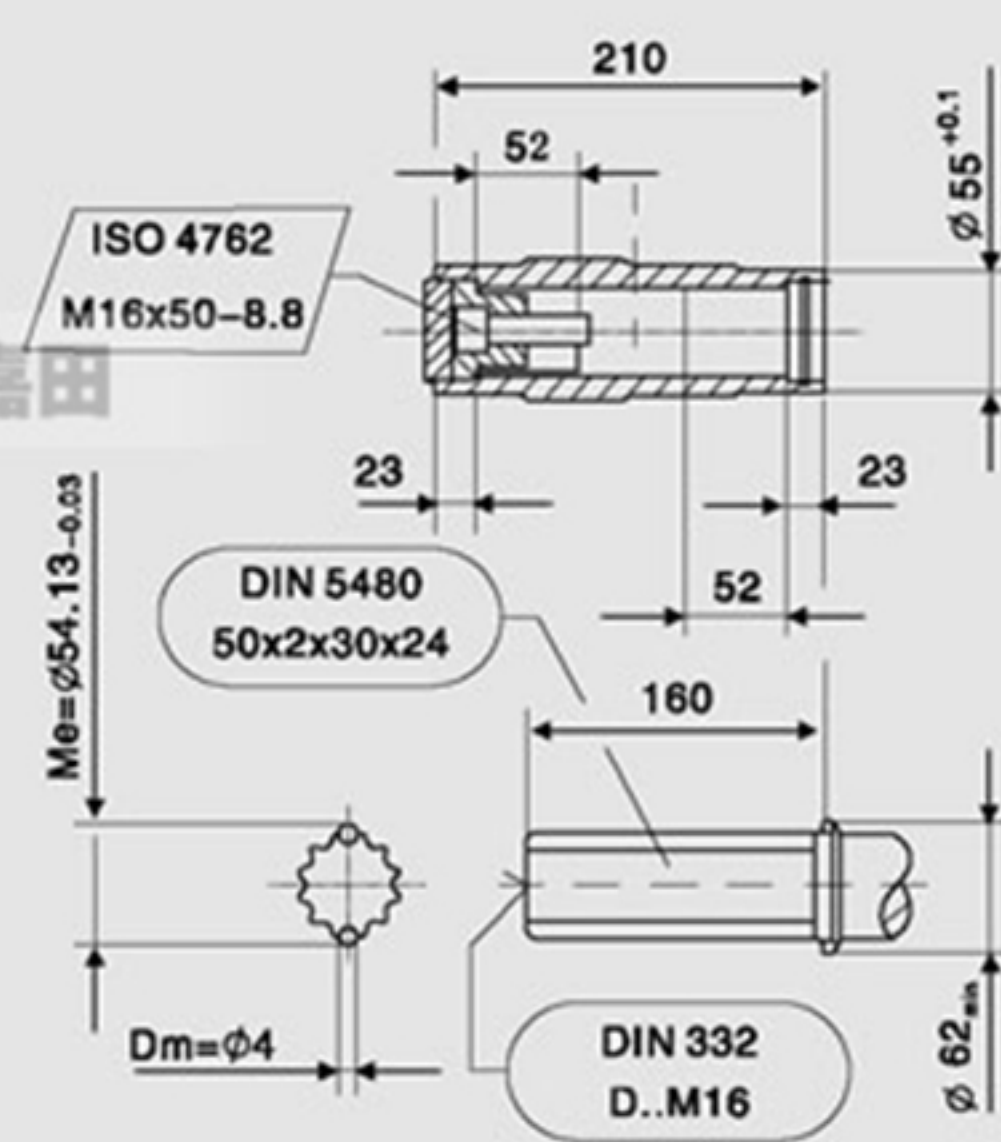
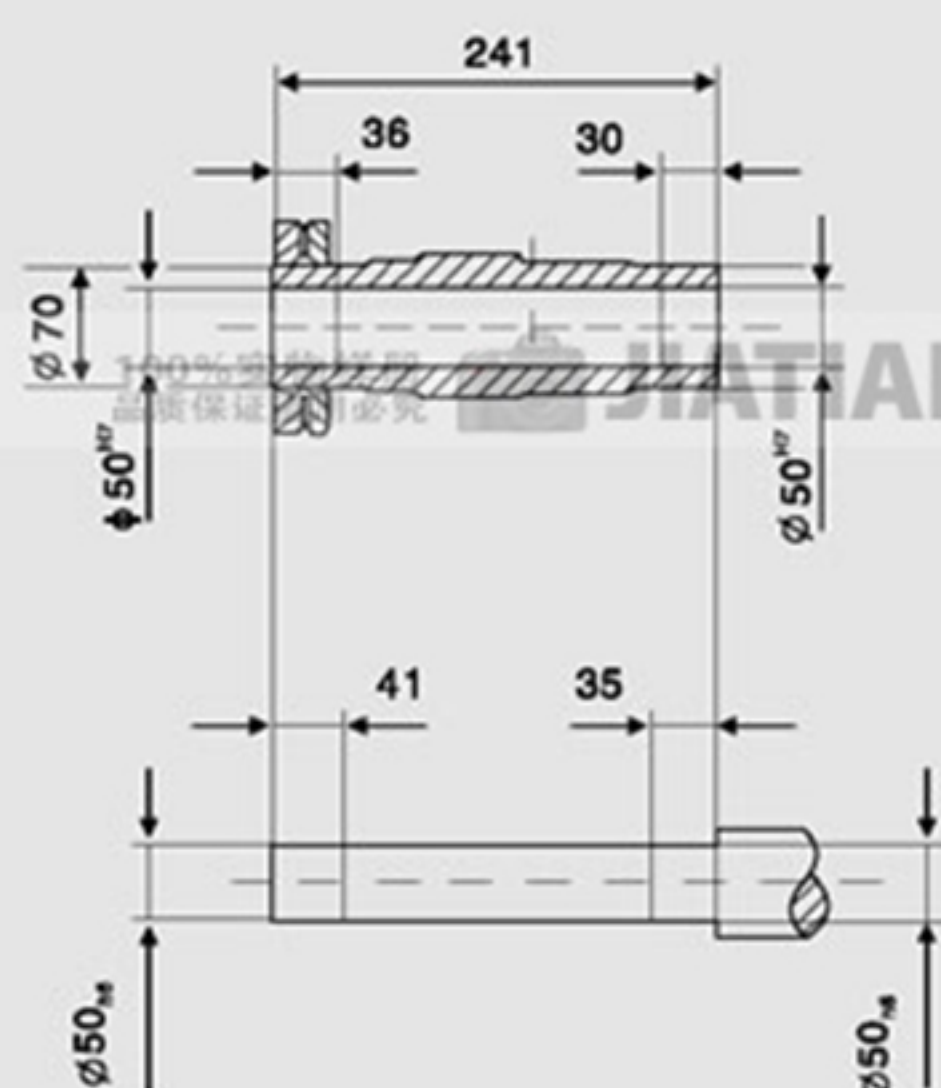
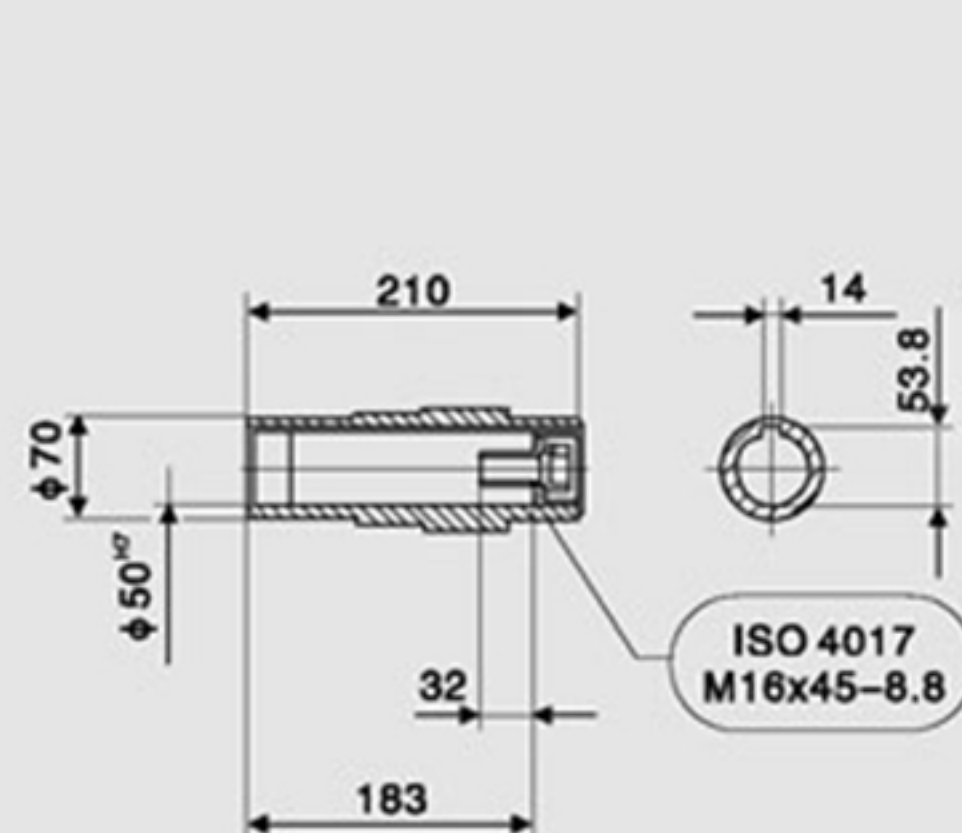
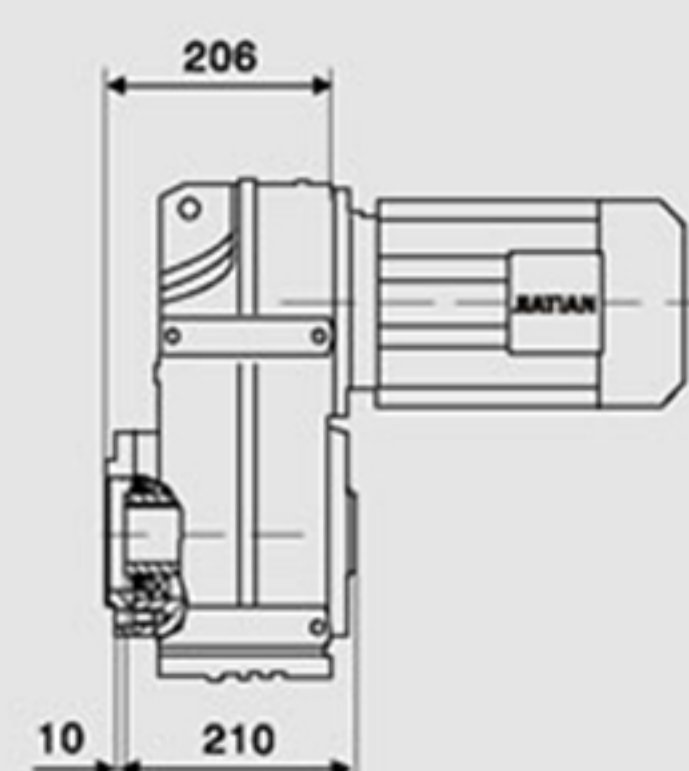
FAZ77..



FHZ77..



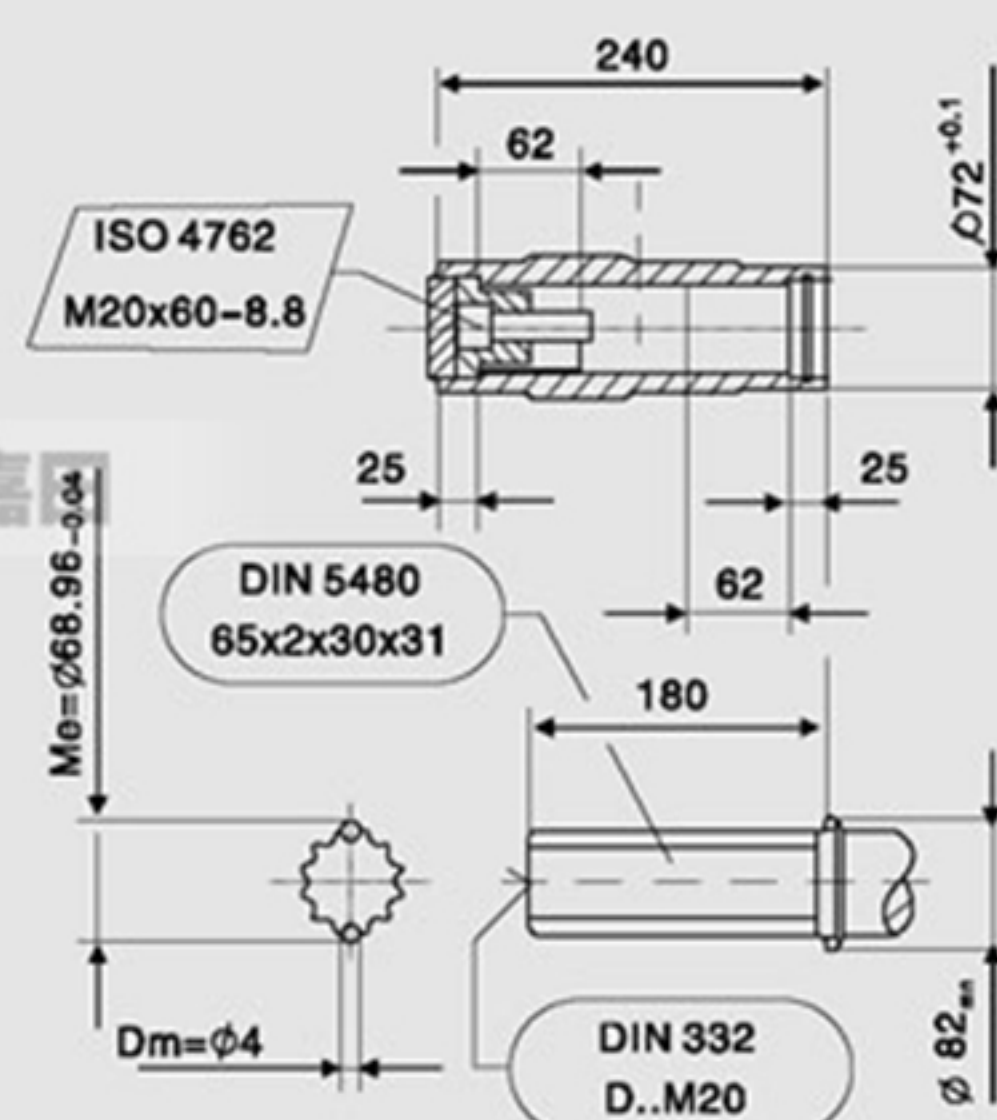
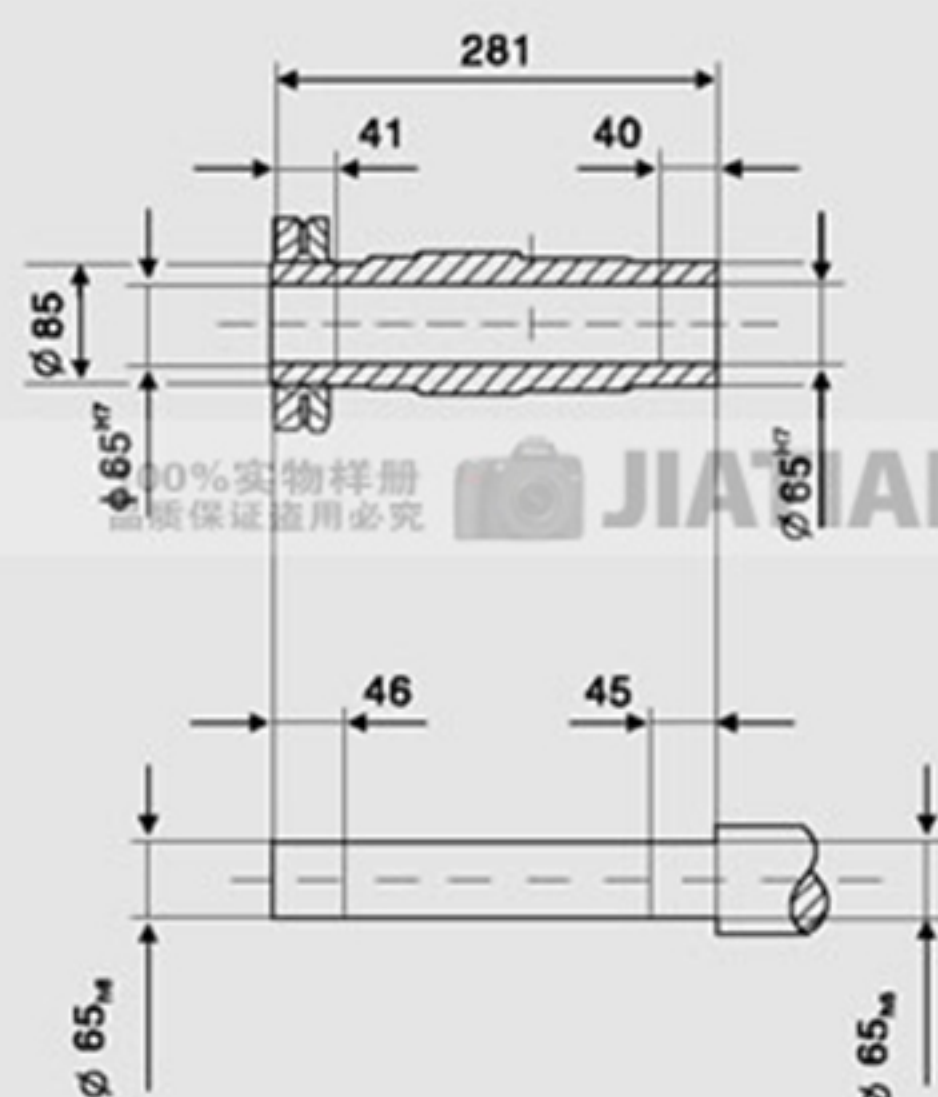
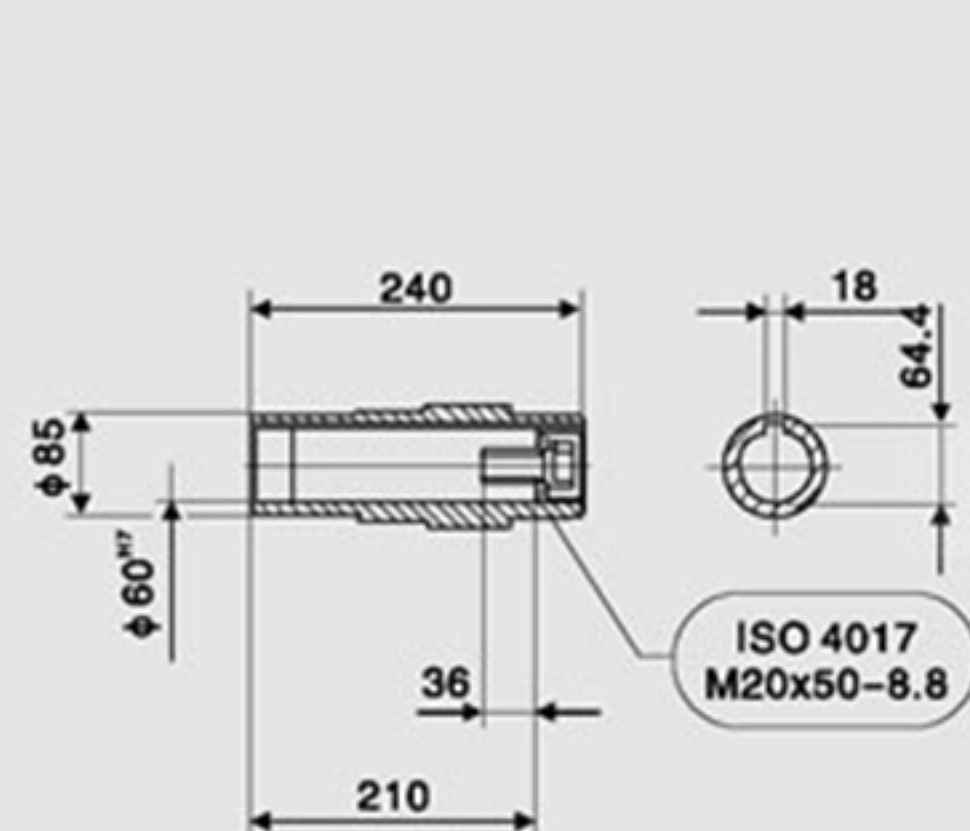
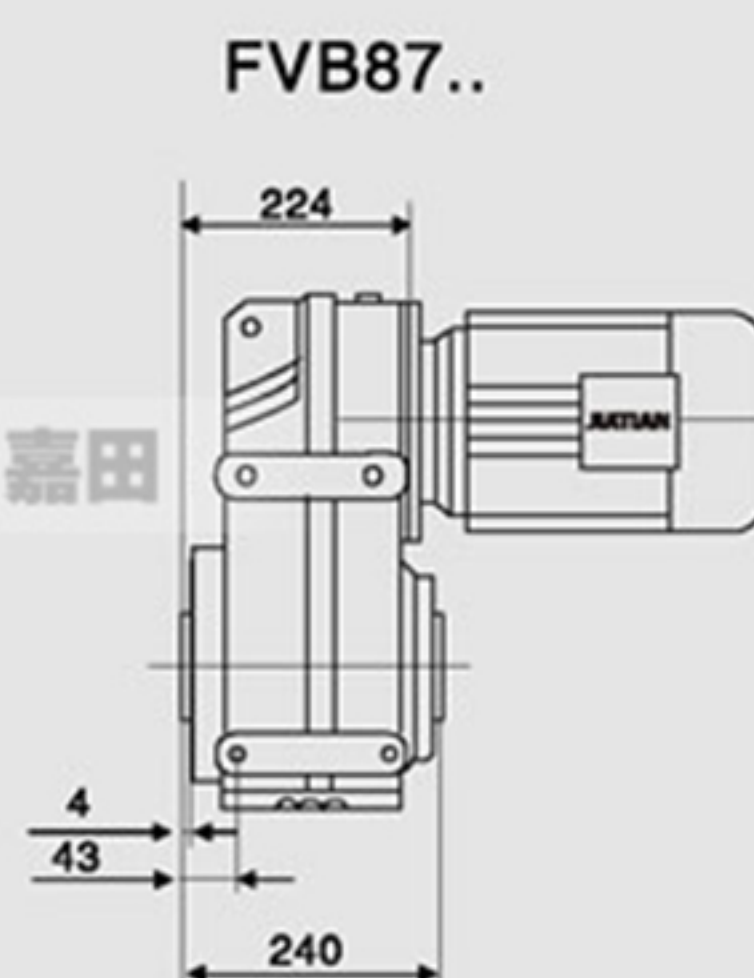
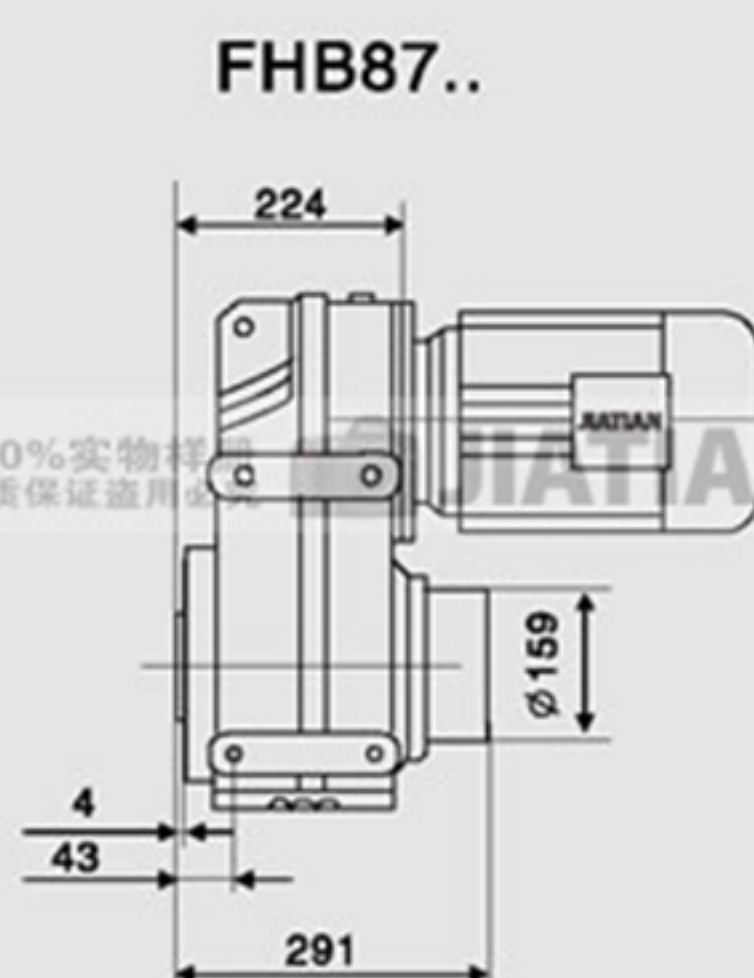
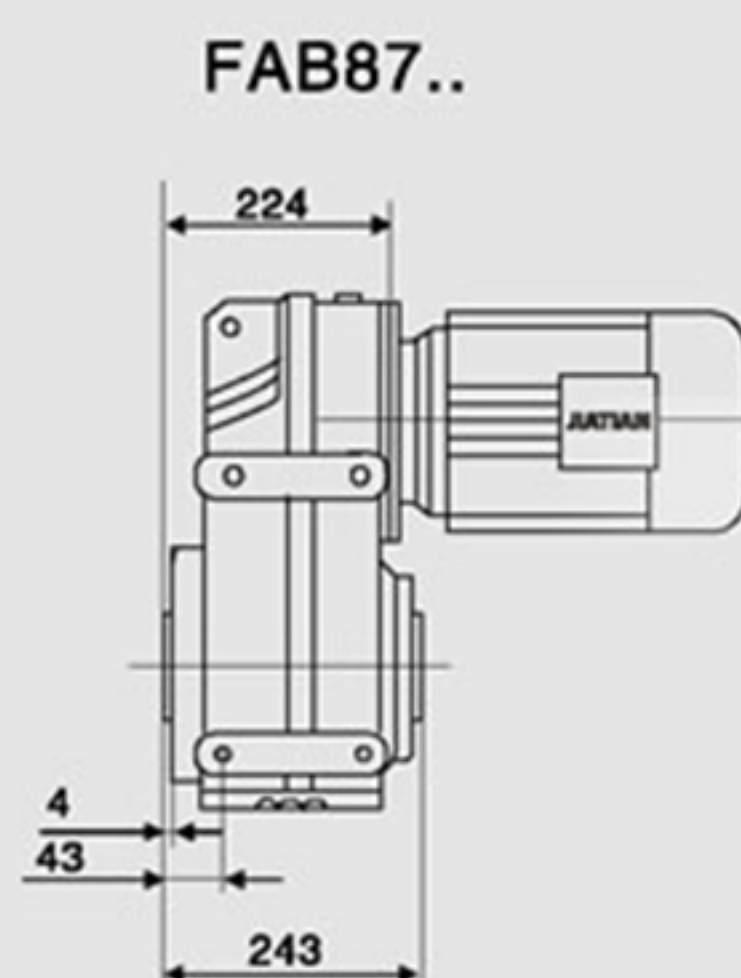
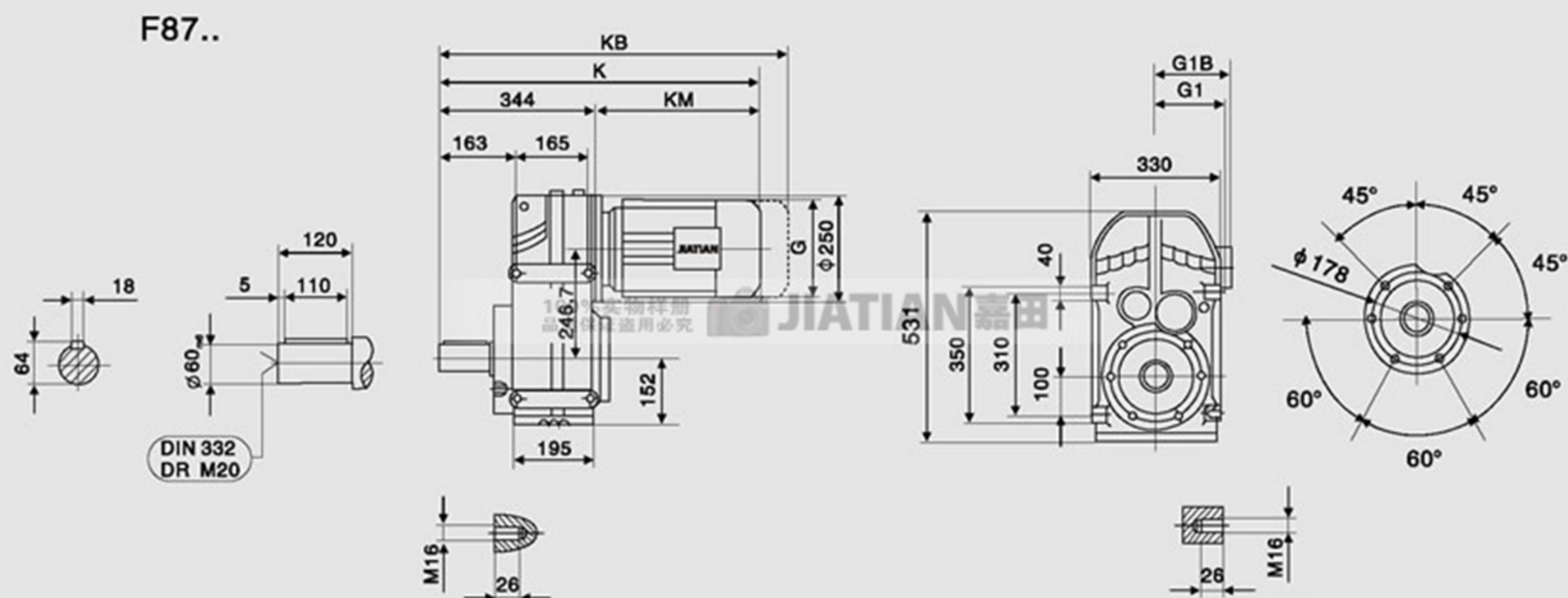
FVZ77..



注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



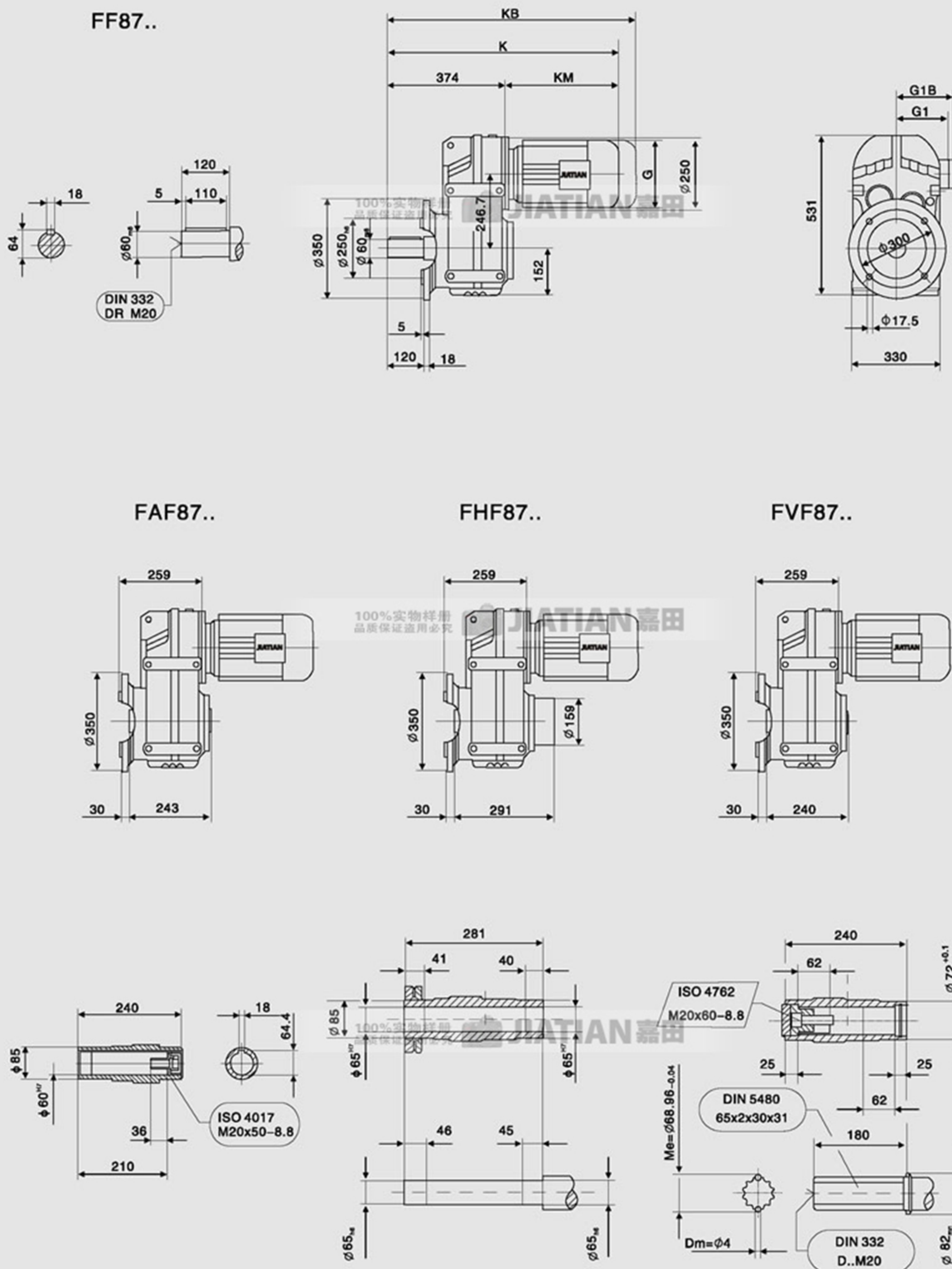


注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



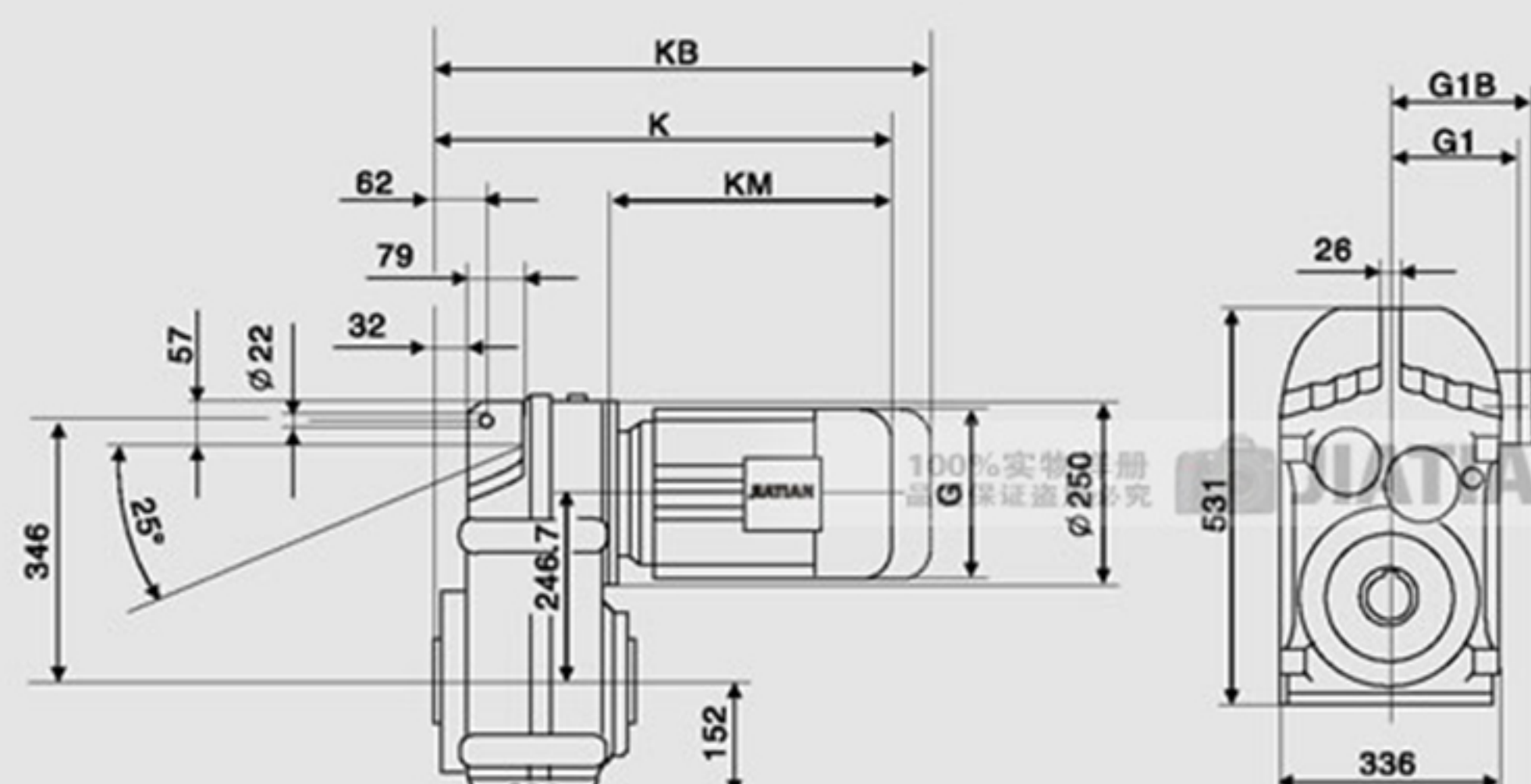
F系列减速机外形安装尺寸



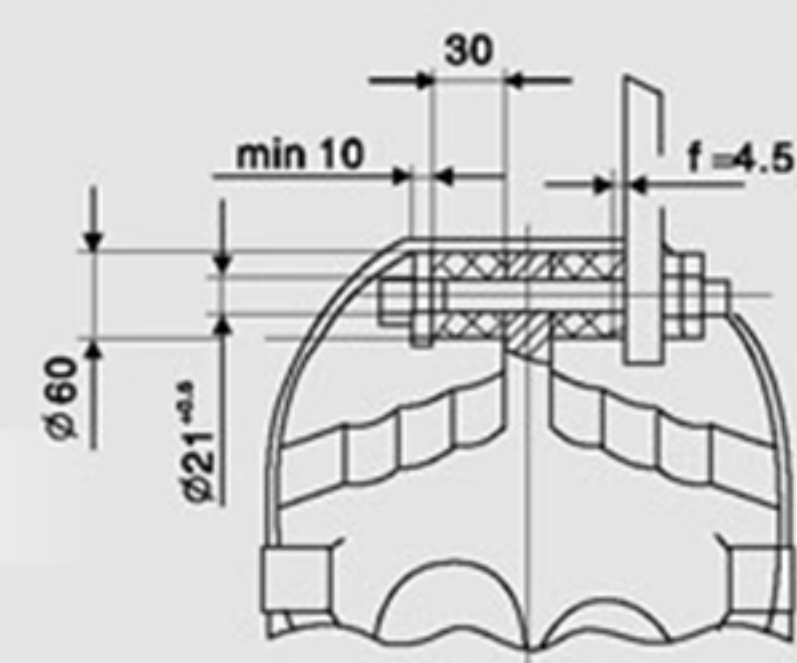
注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

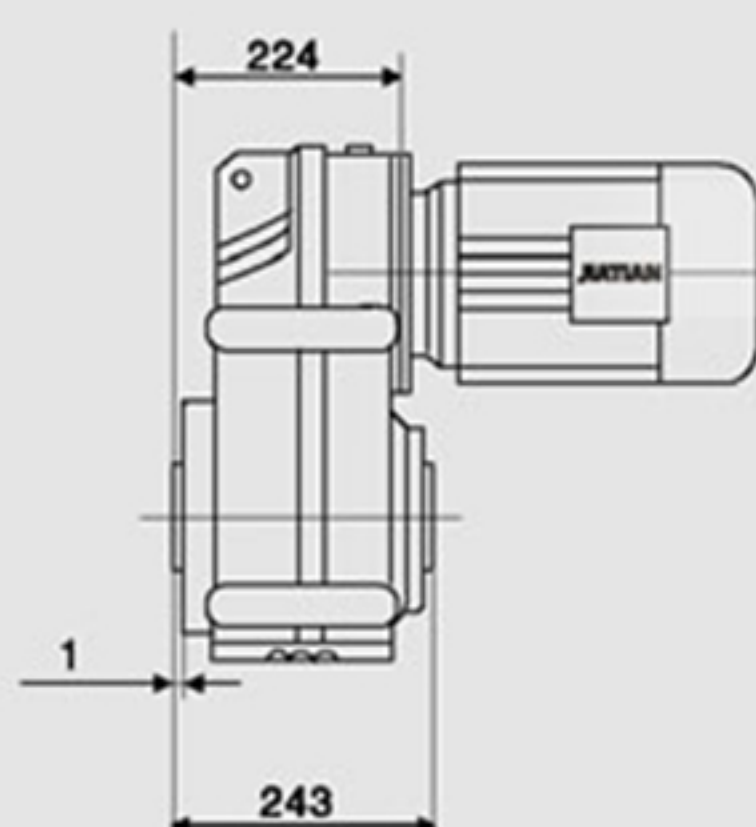




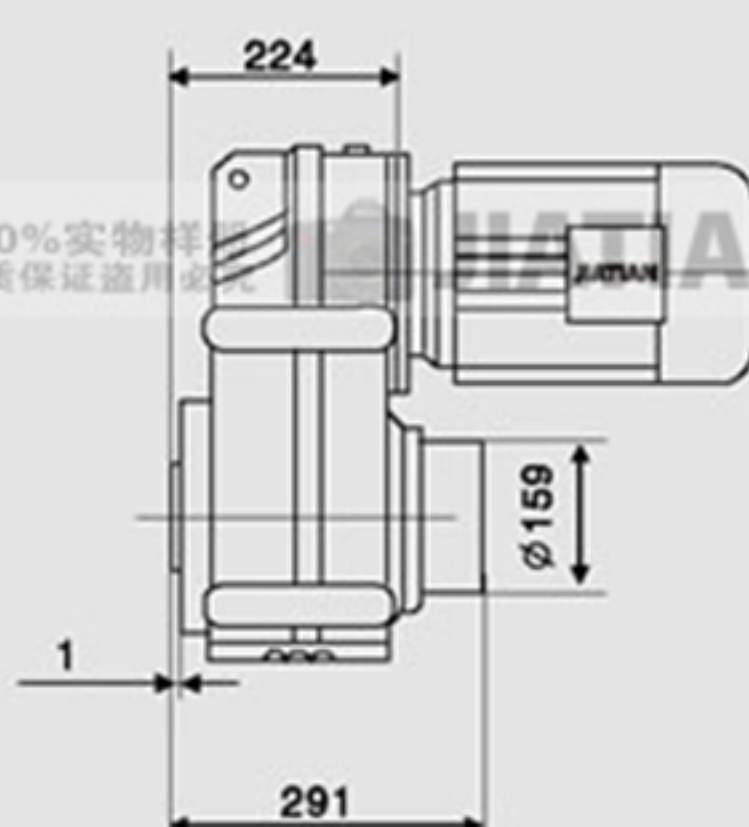
F..G87..



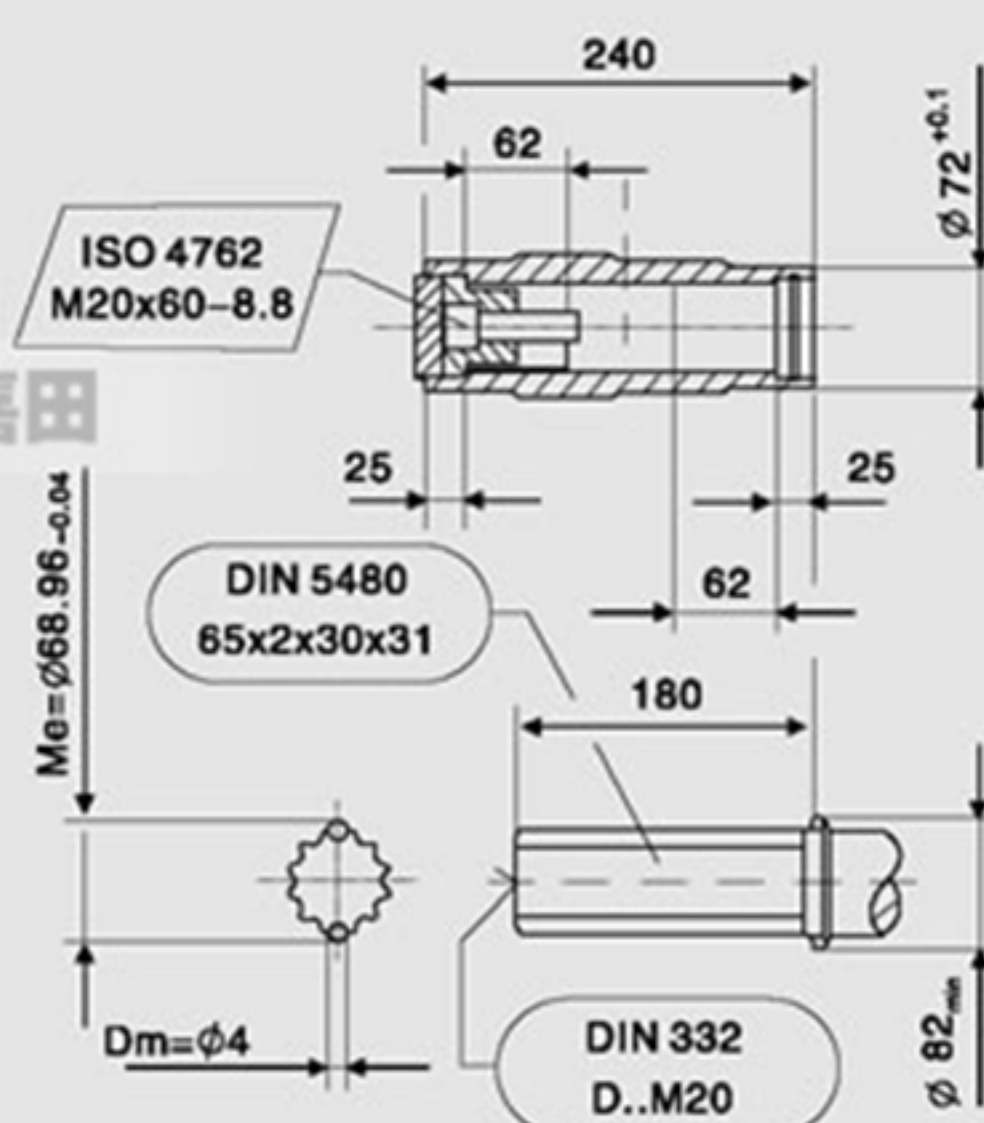
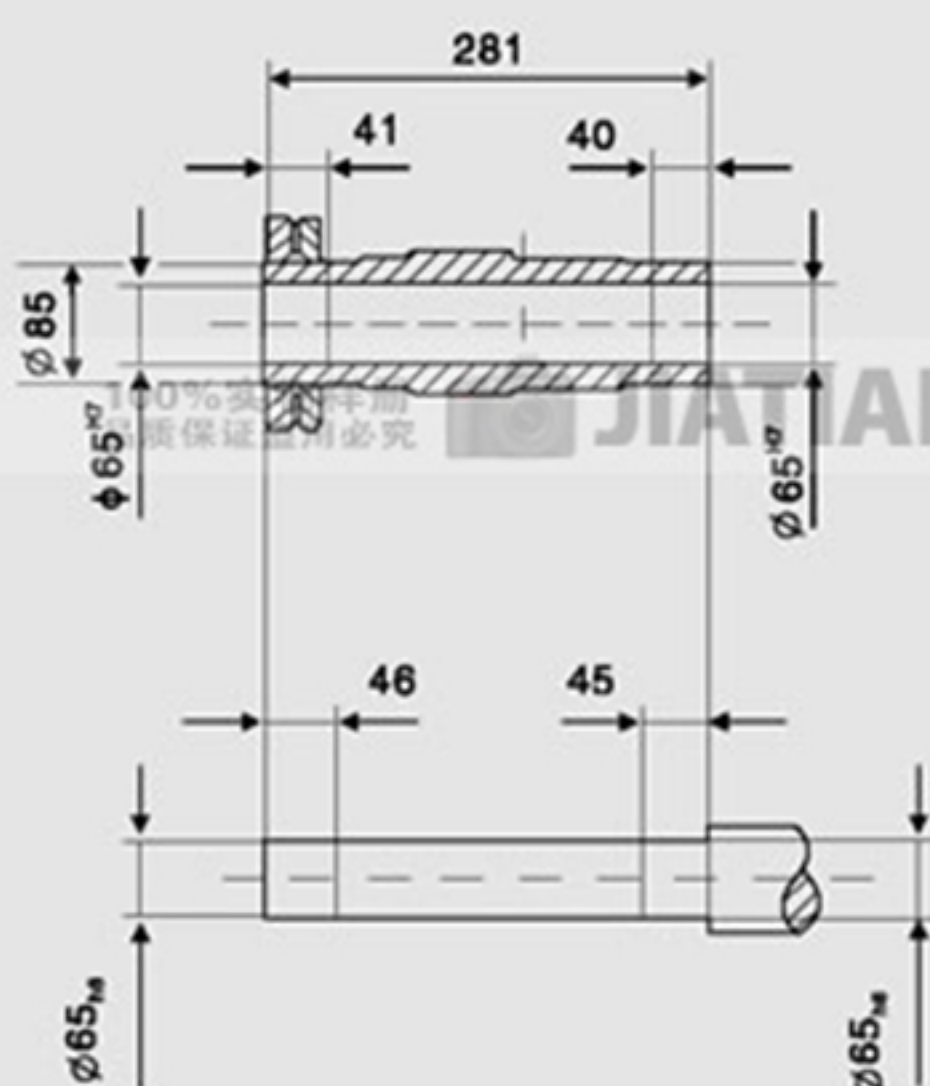
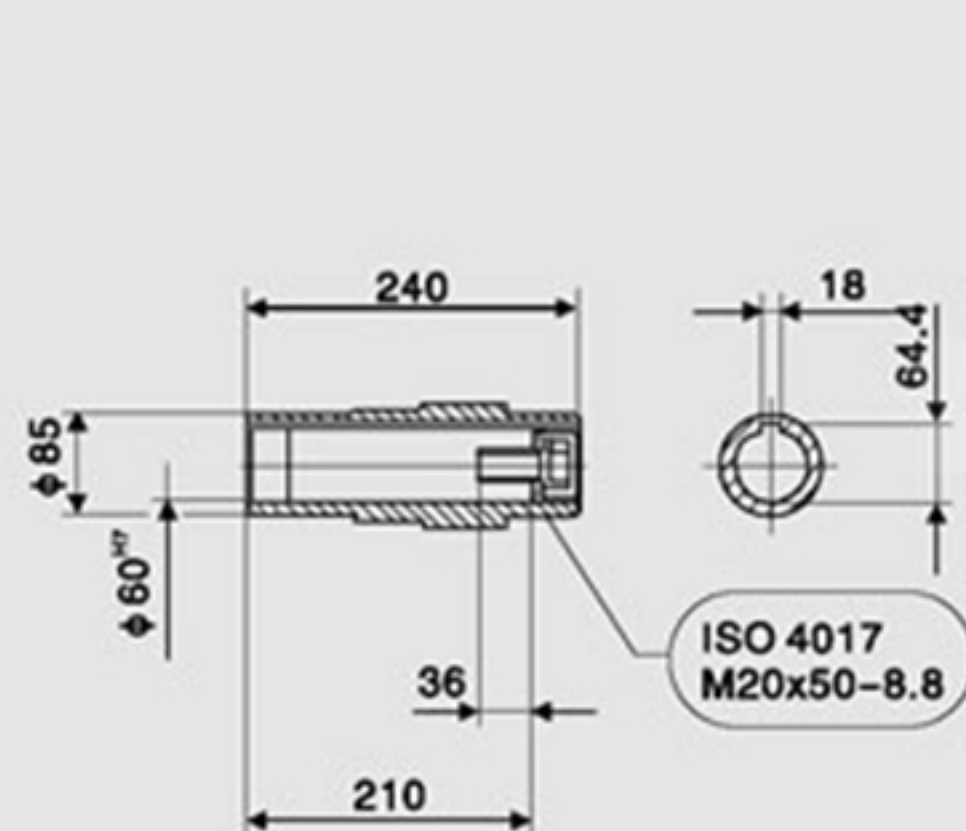
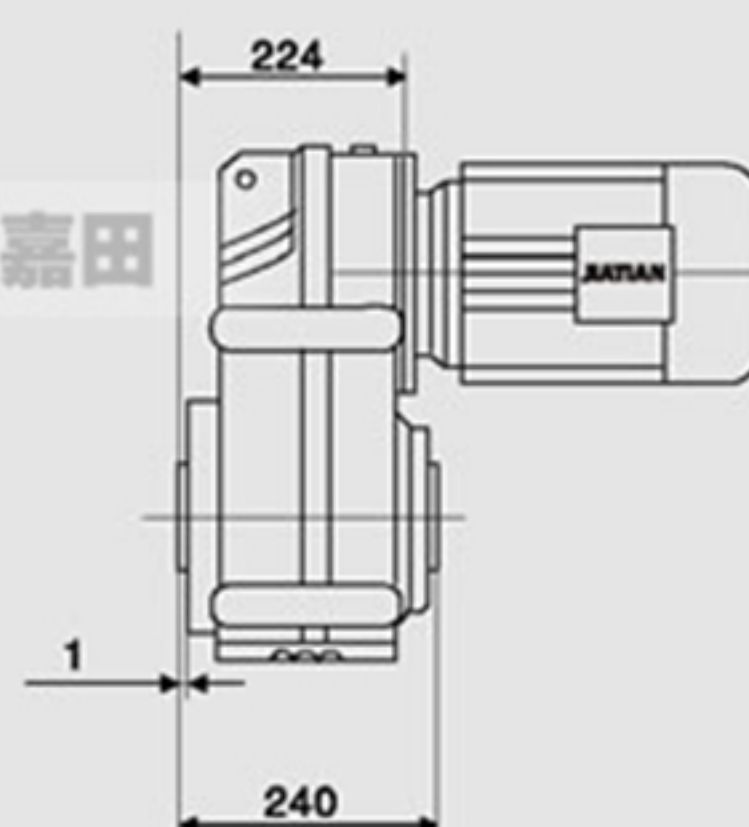
FA87..



FH87..



FV87..

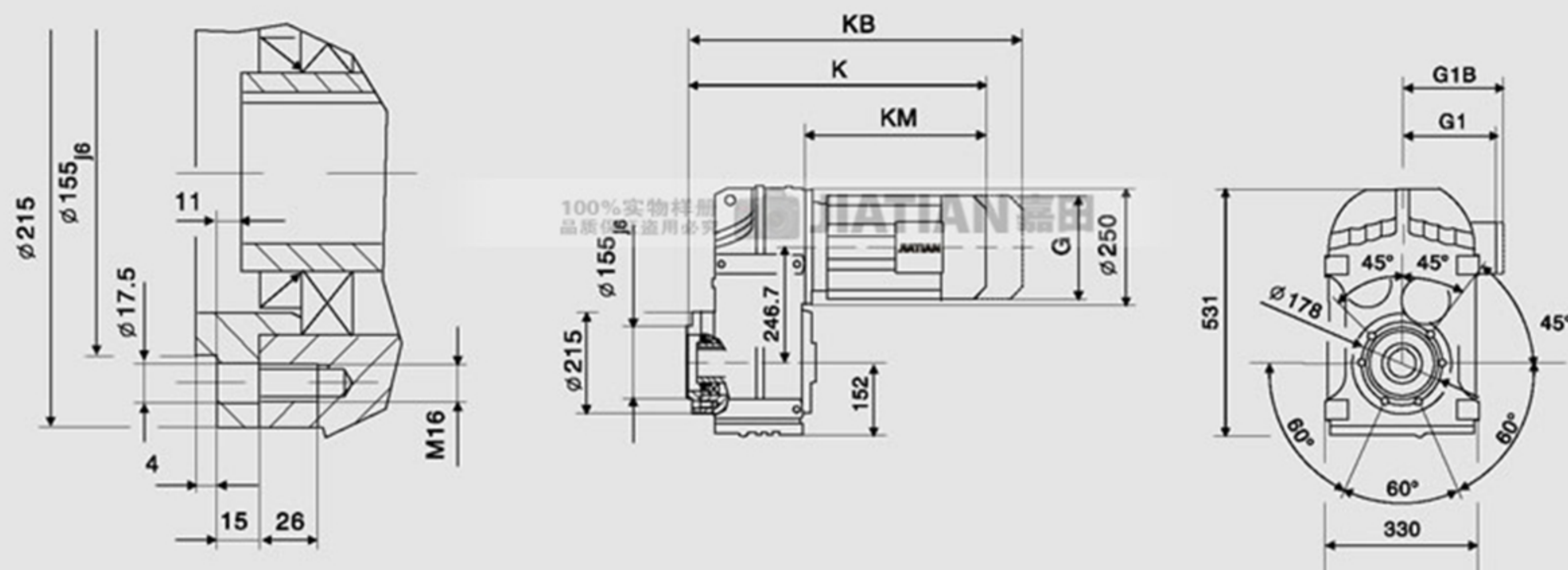


注1: 图中KM、G1、G的尺寸见第330页。

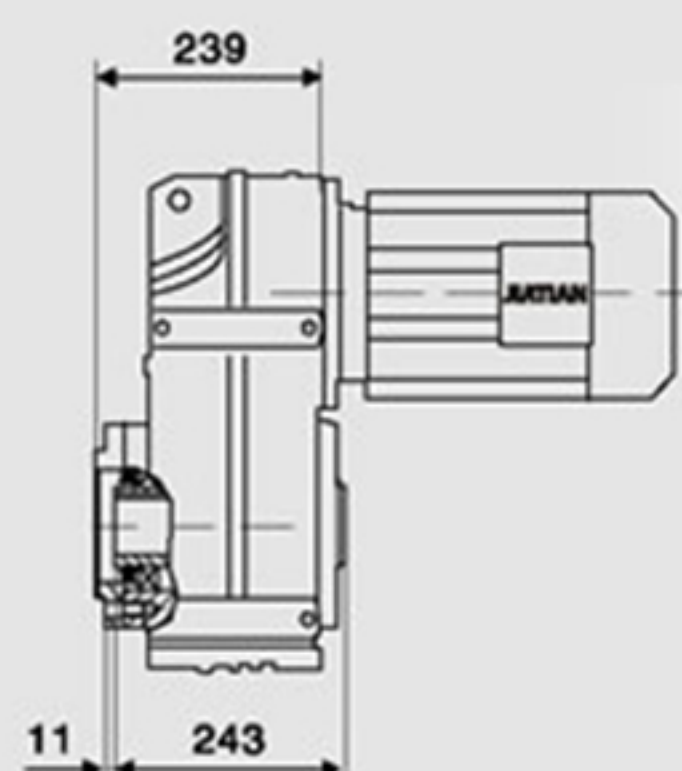
注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



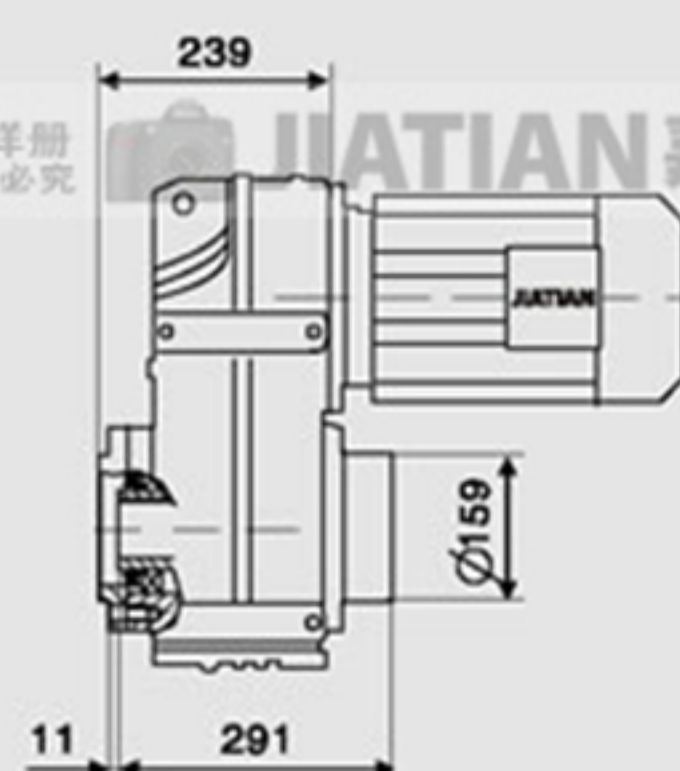
F系列减速机外形安装尺寸



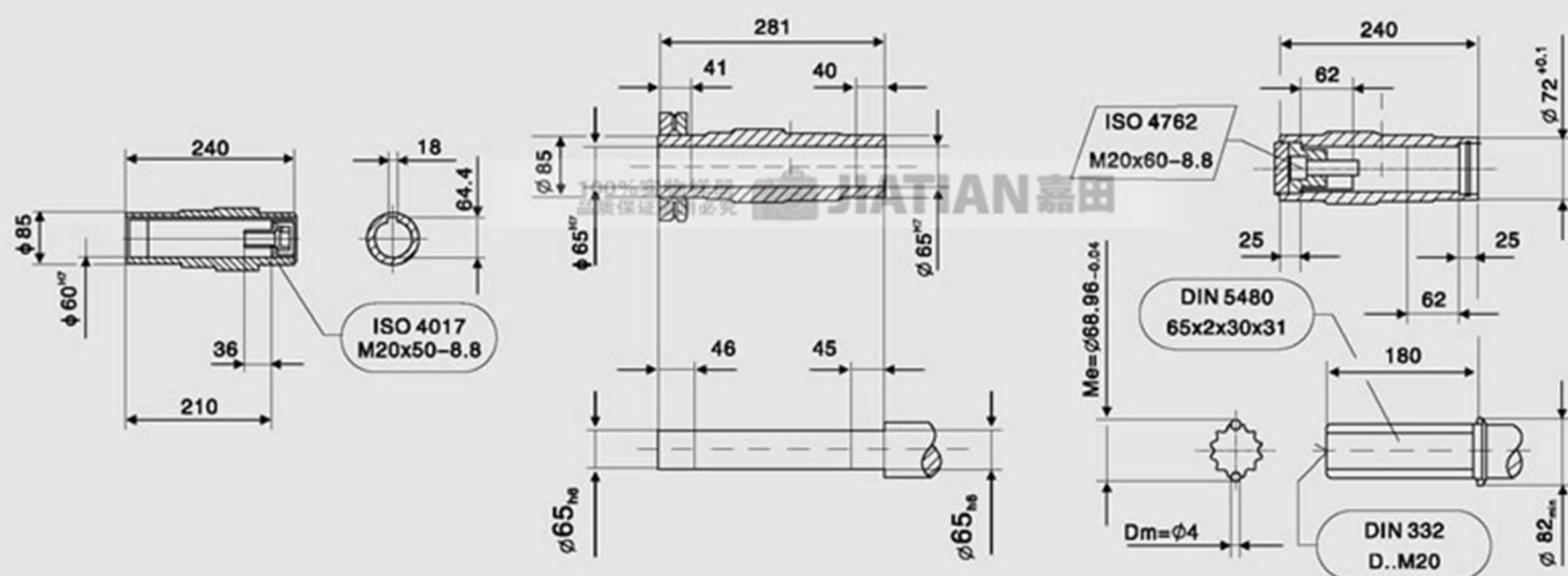
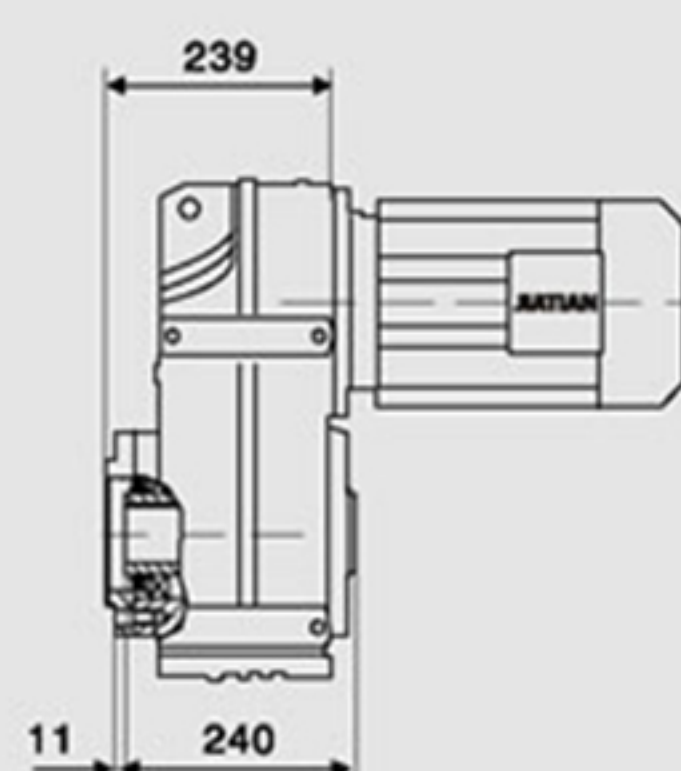
FAZ87..



FHZ87..



FVZ87..



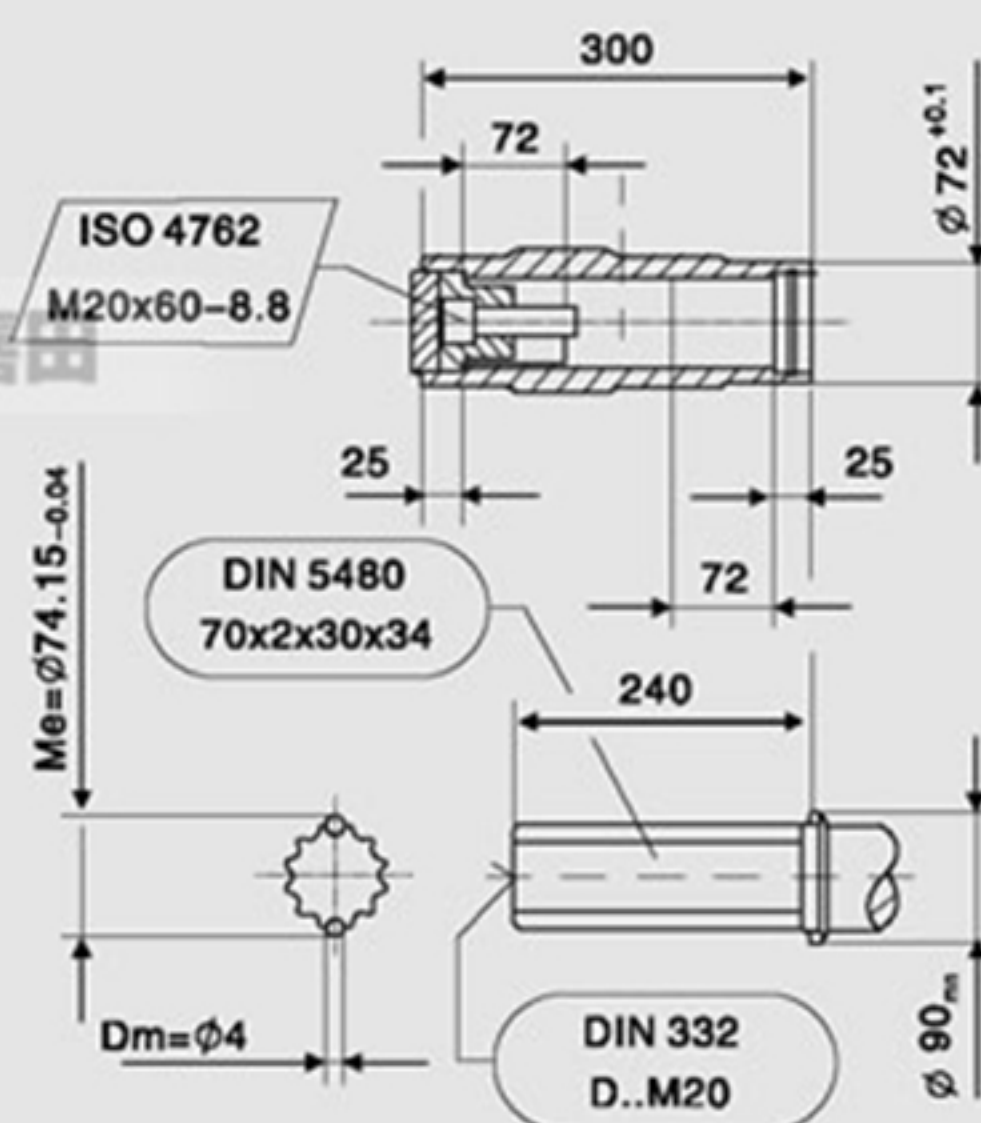
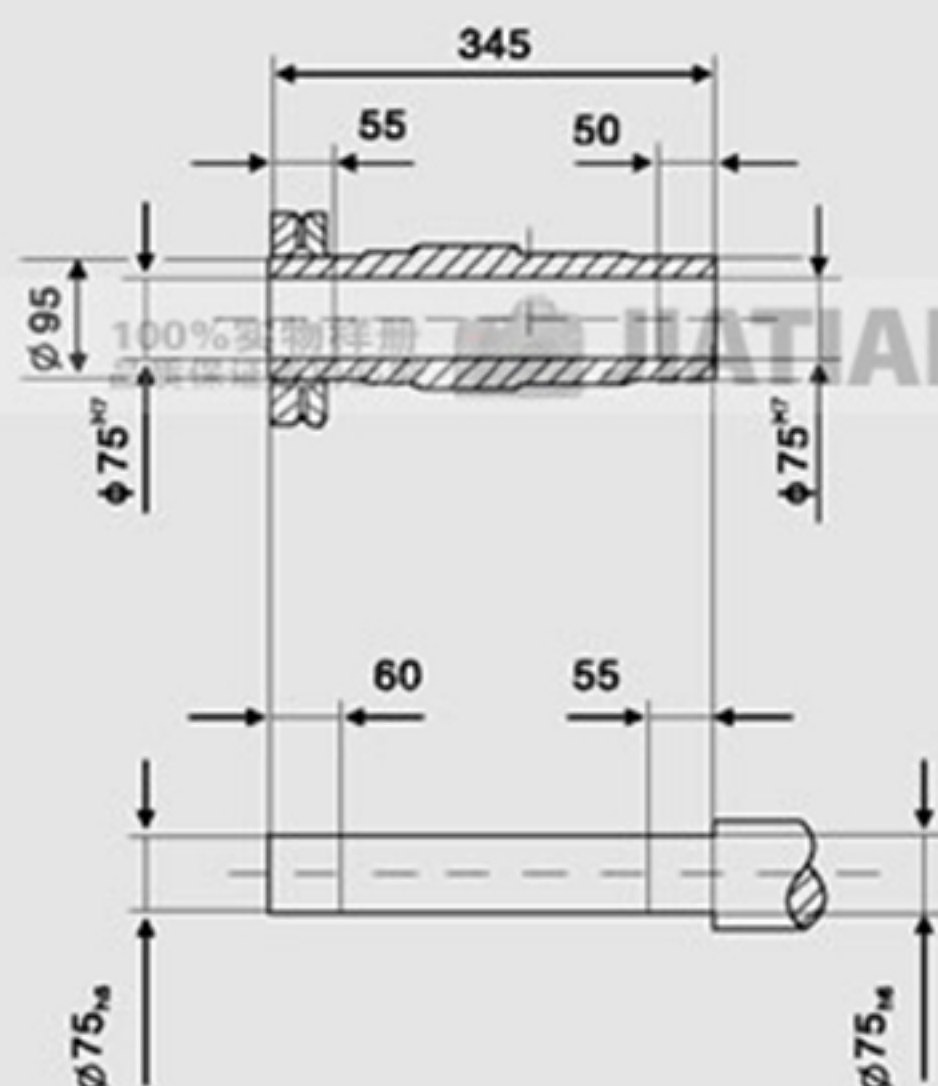
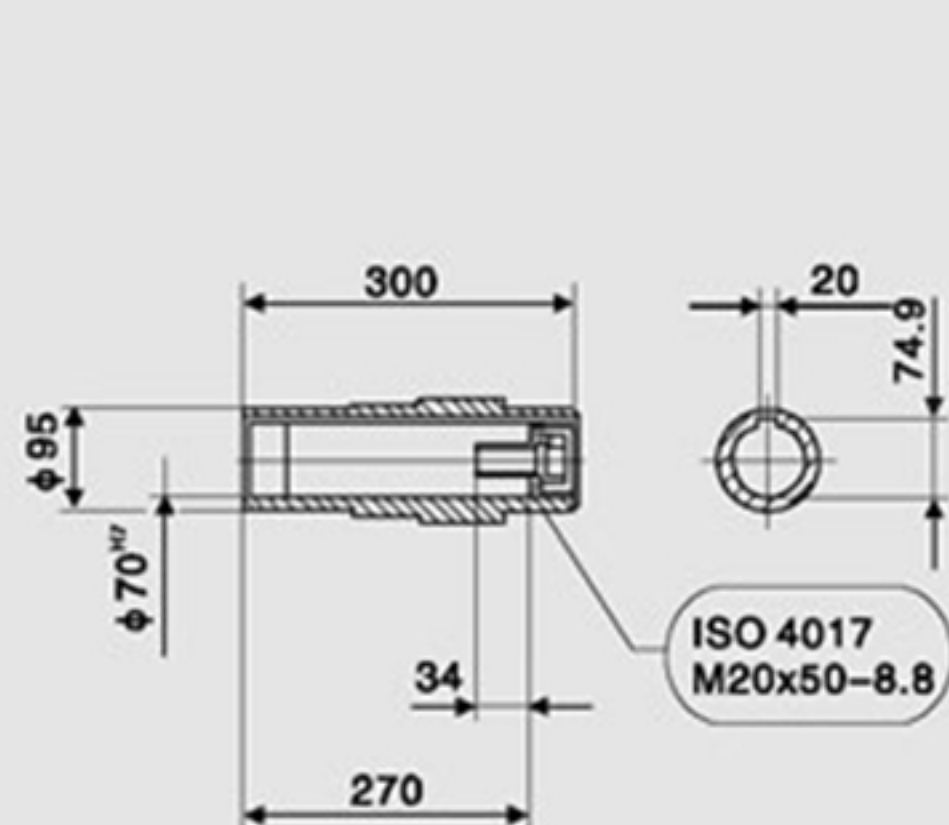
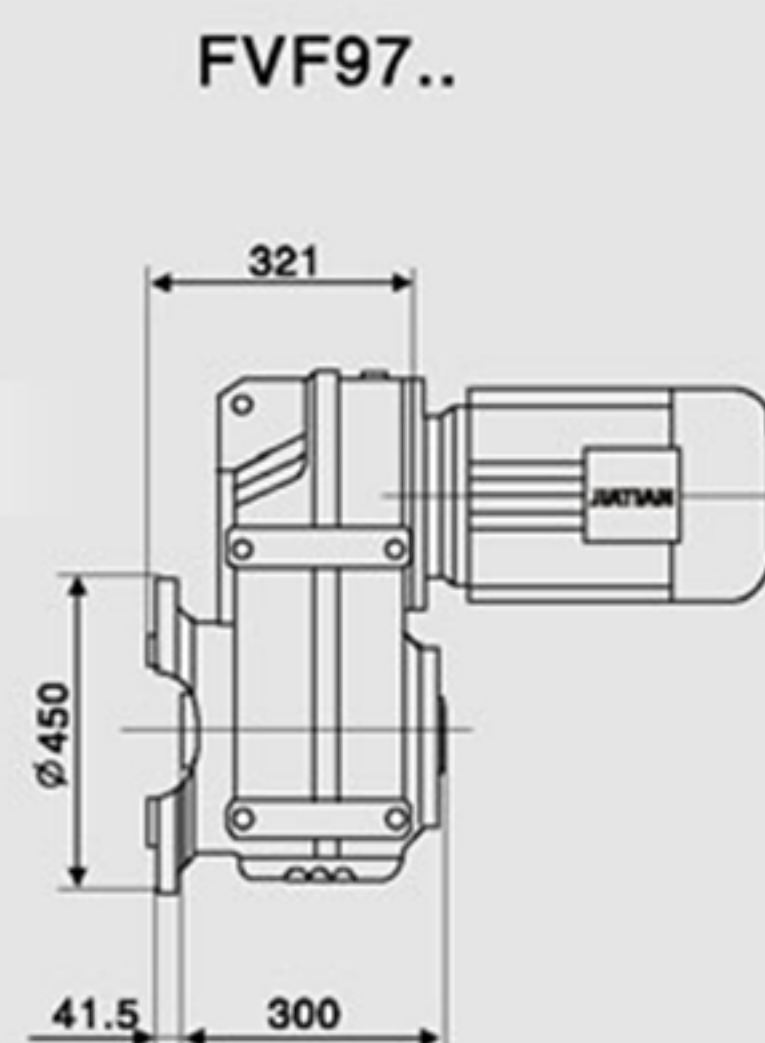
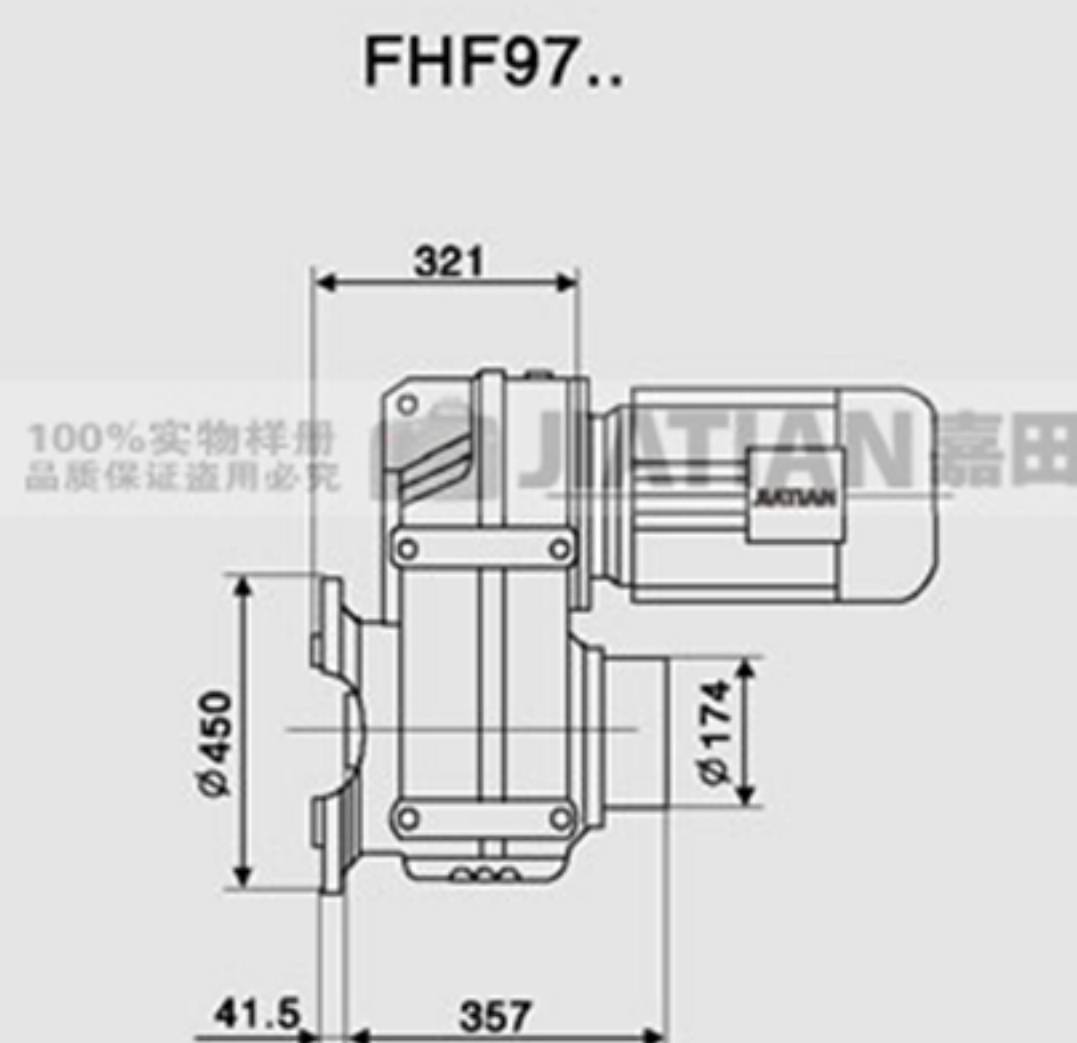
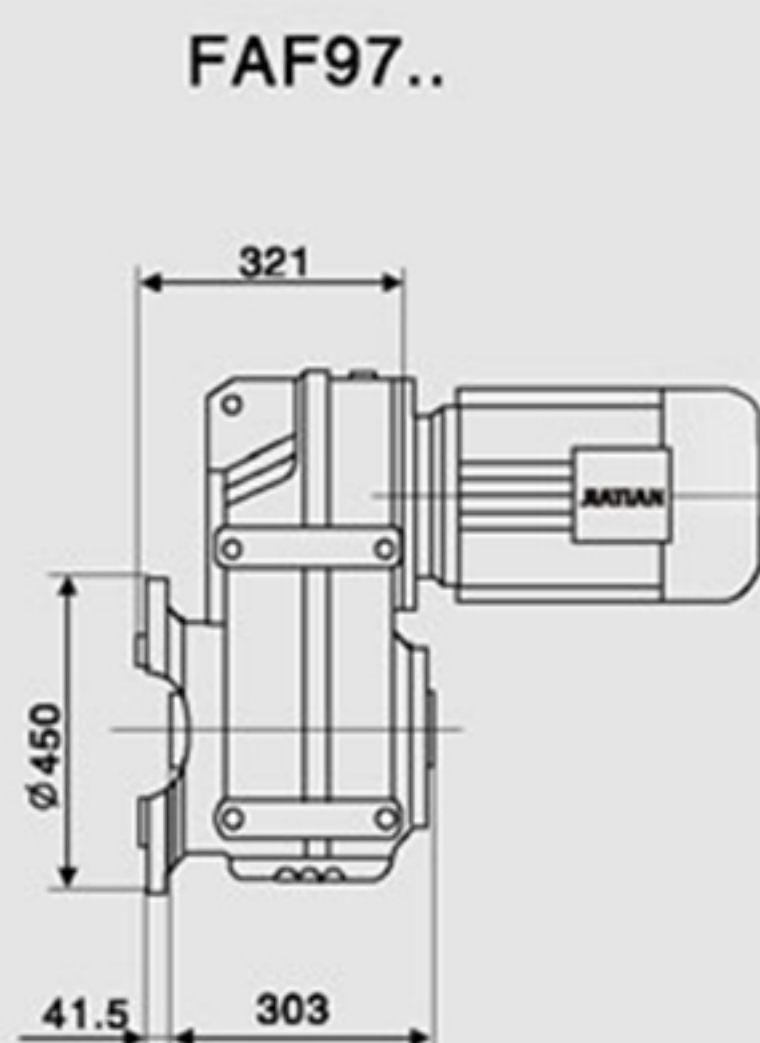
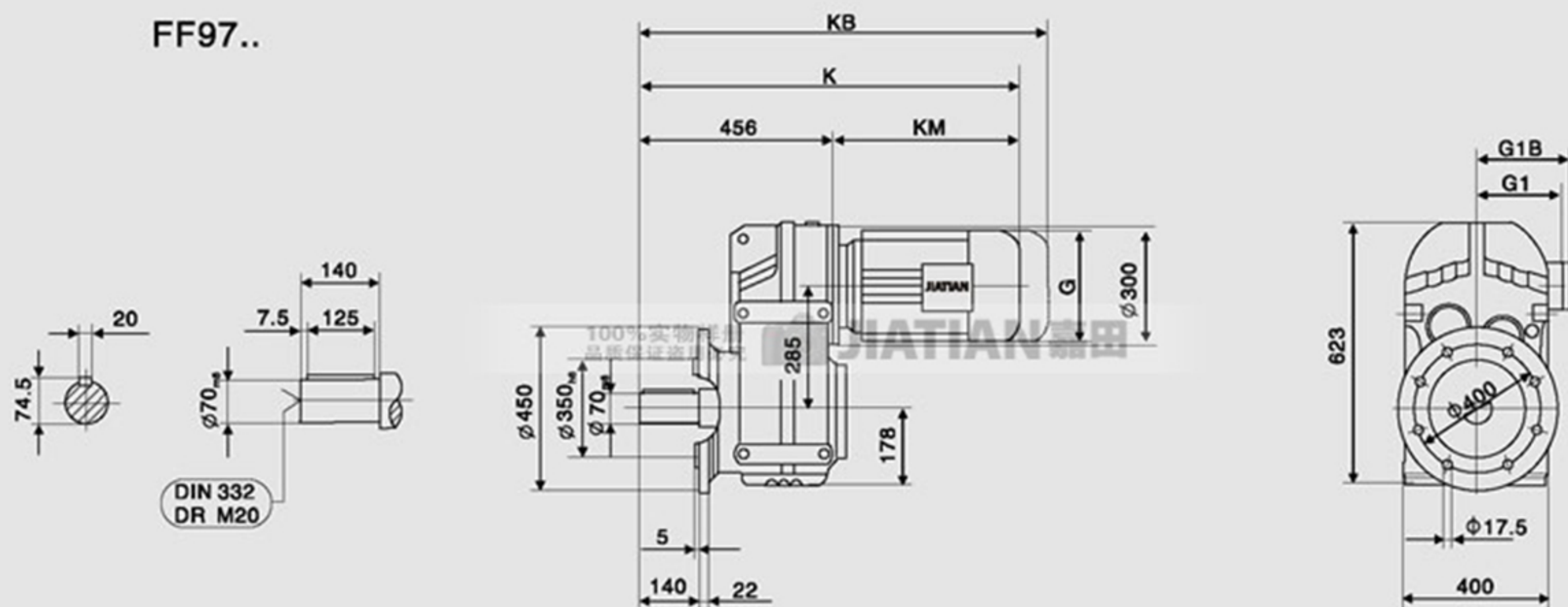
注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。





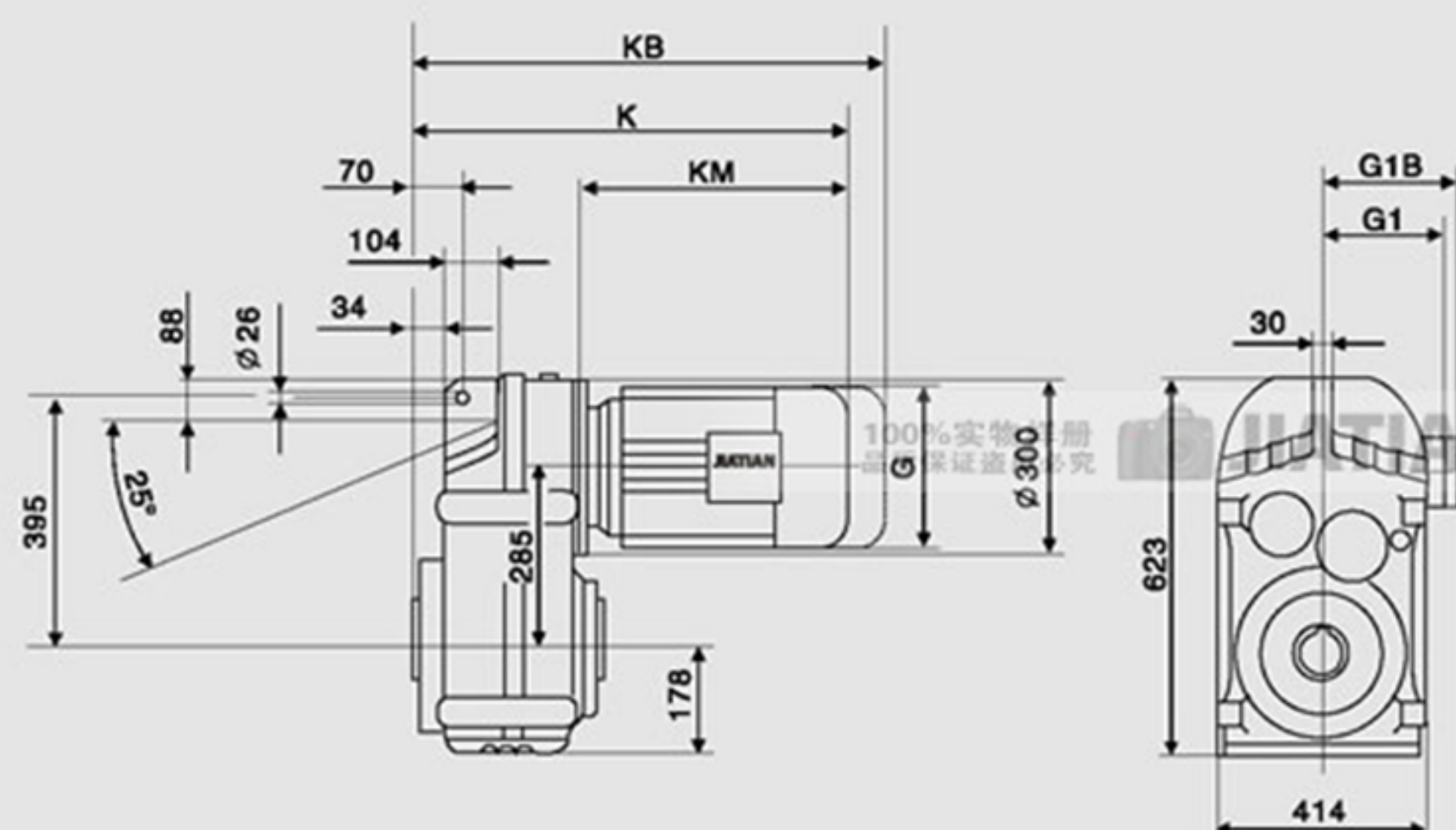




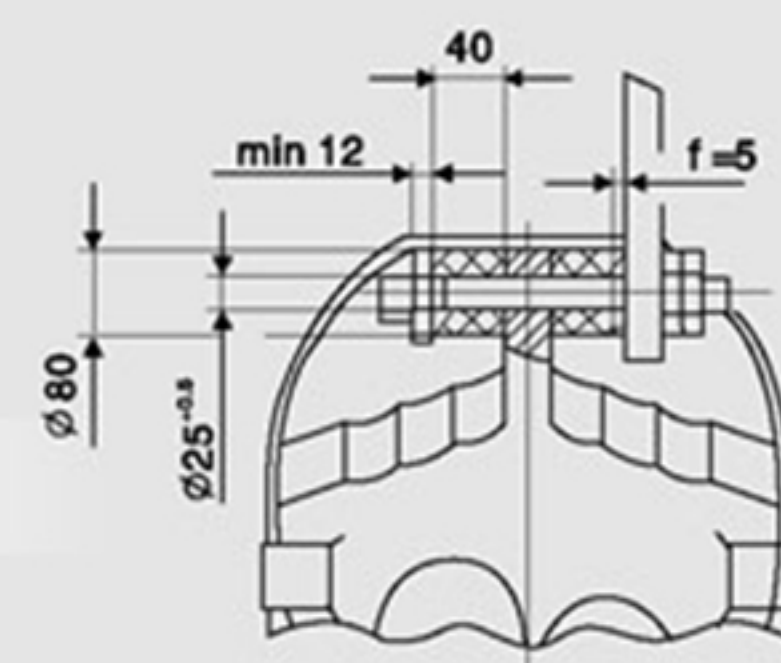
注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

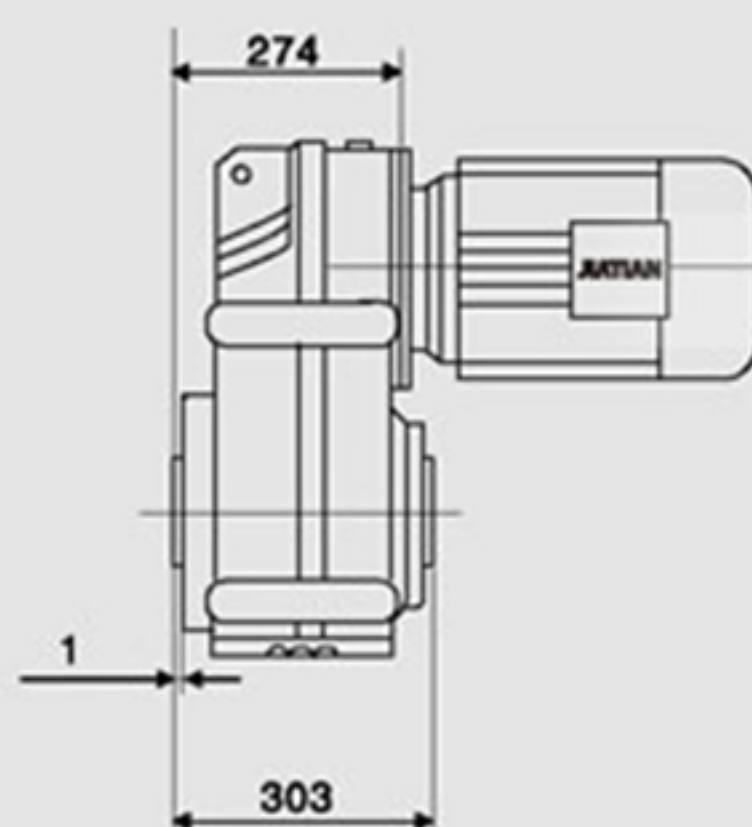




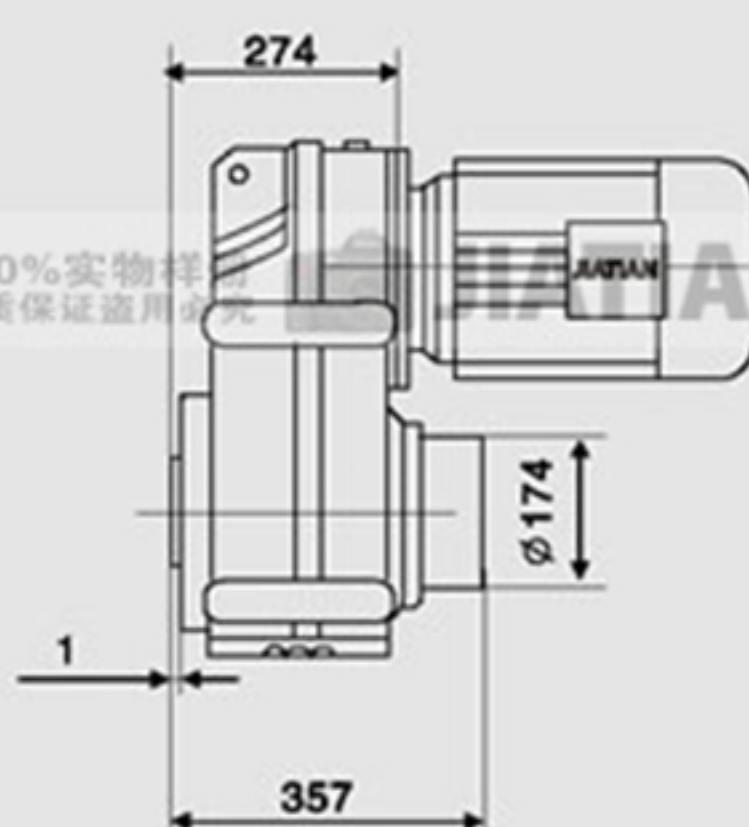
F..G97..



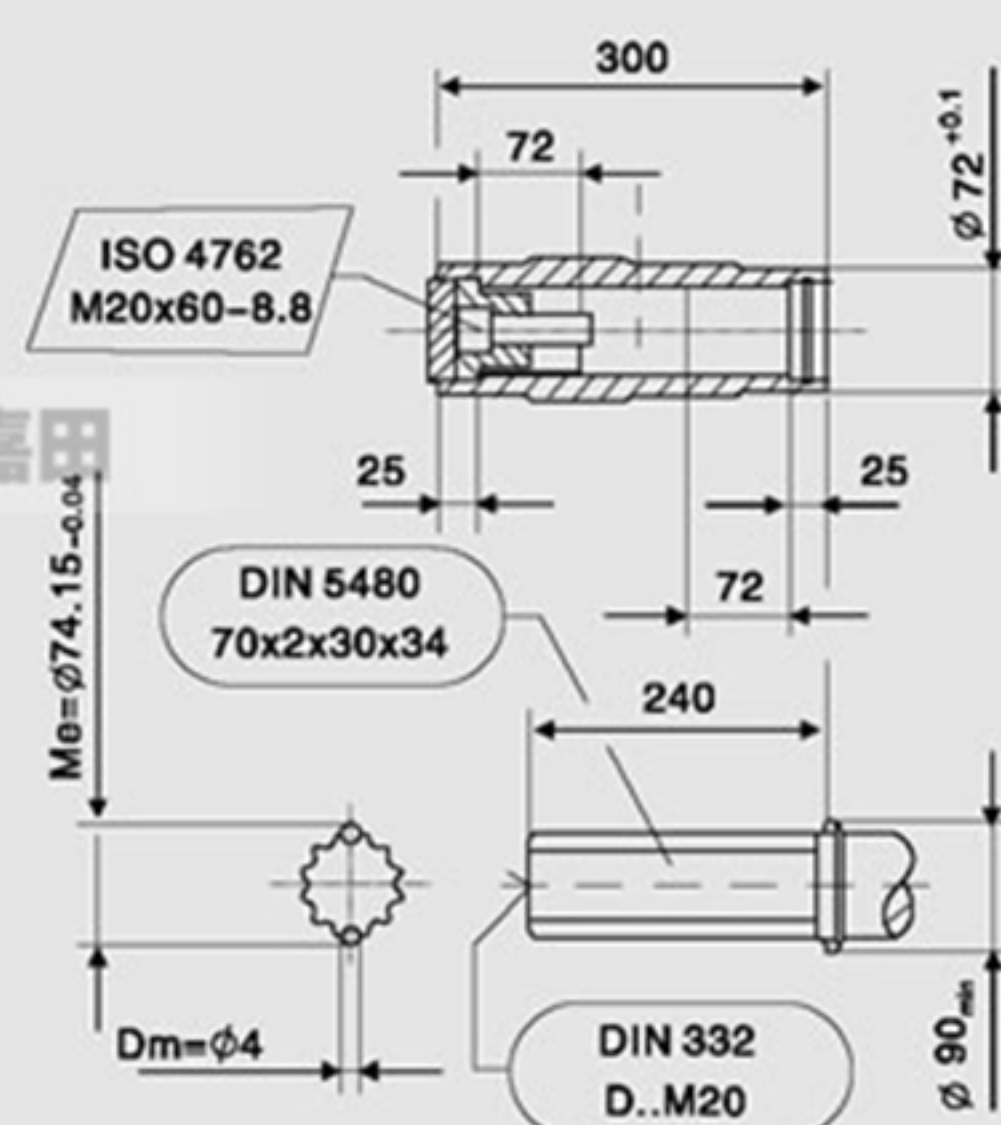
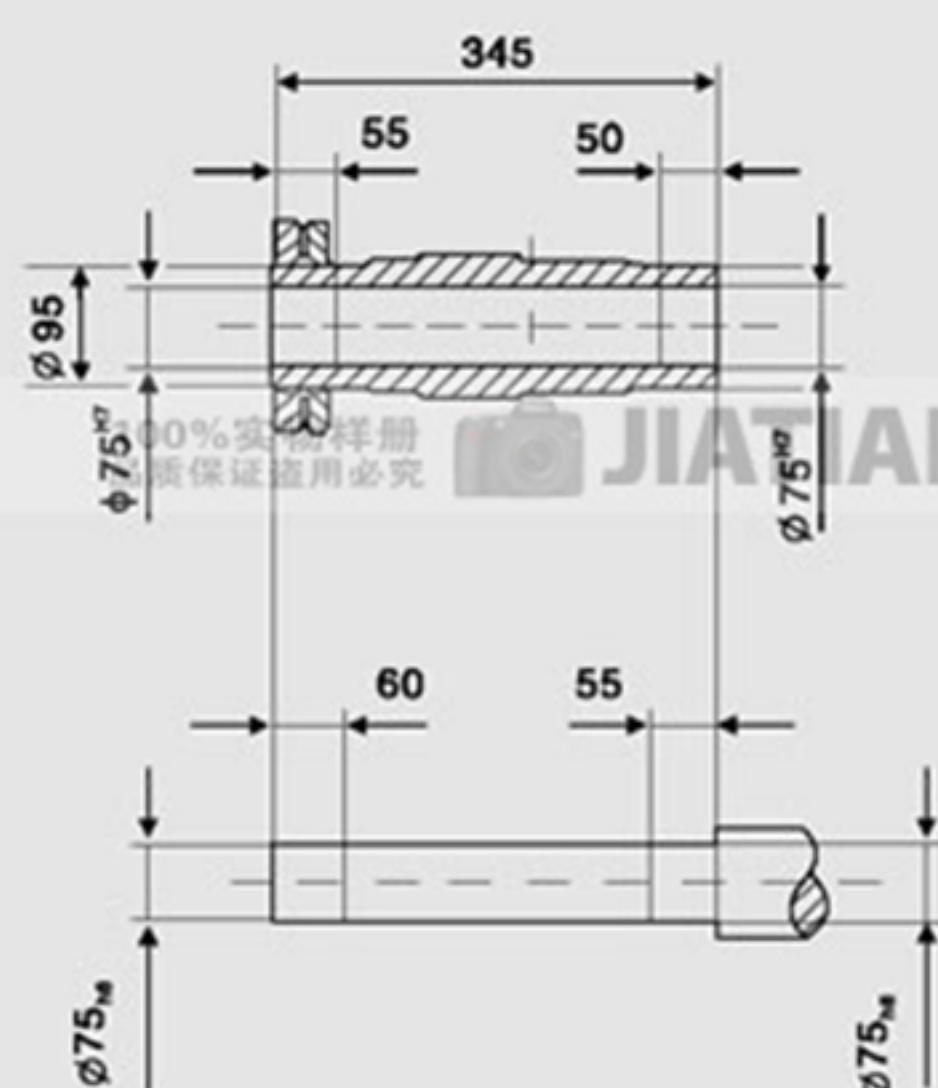
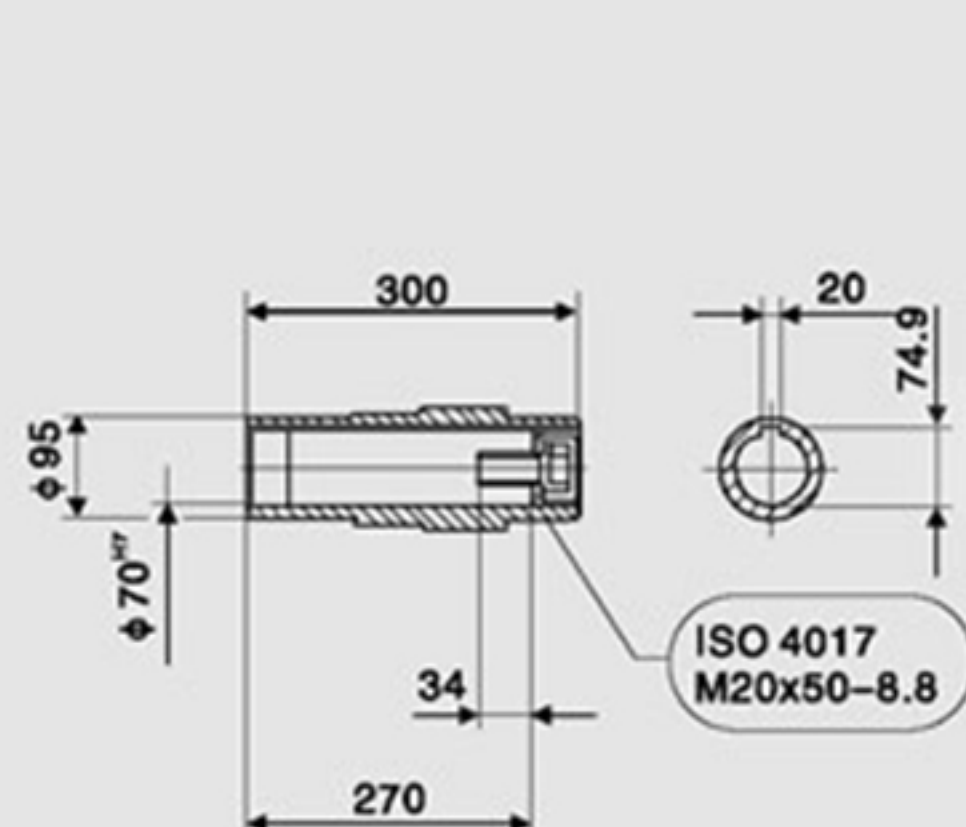
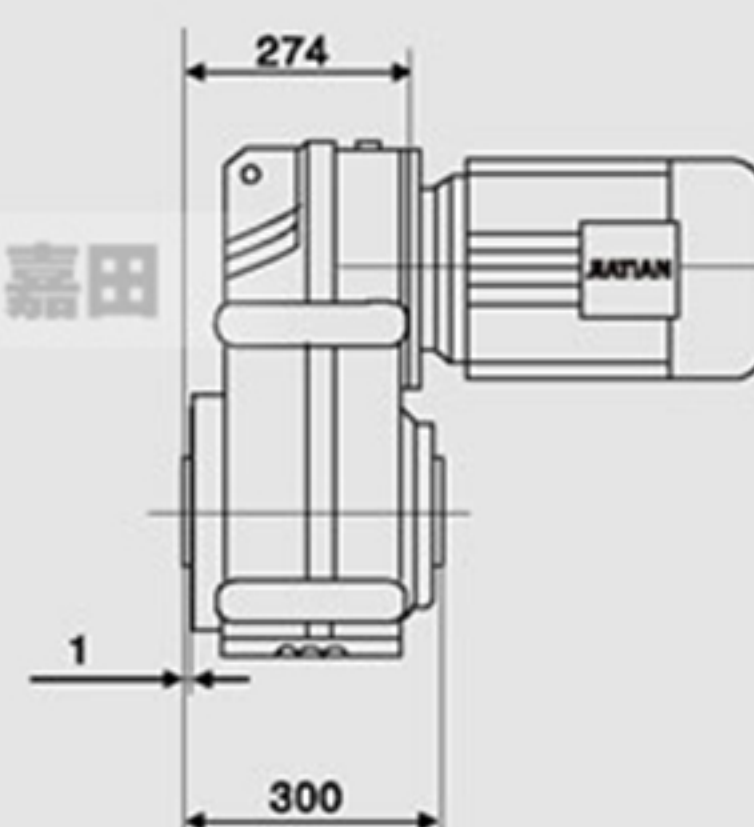
FA97..



FH97..



FV97..

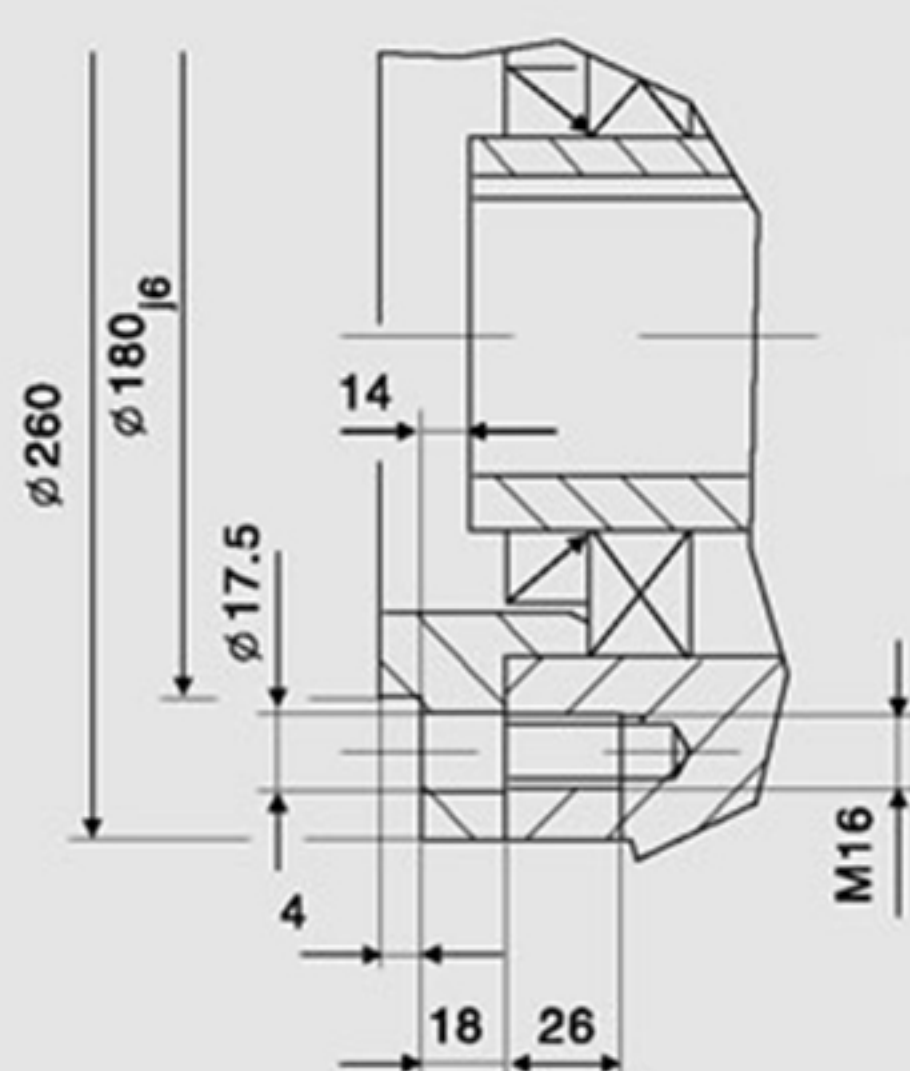


注1: 图中KM、G1、G的尺寸见第330页。

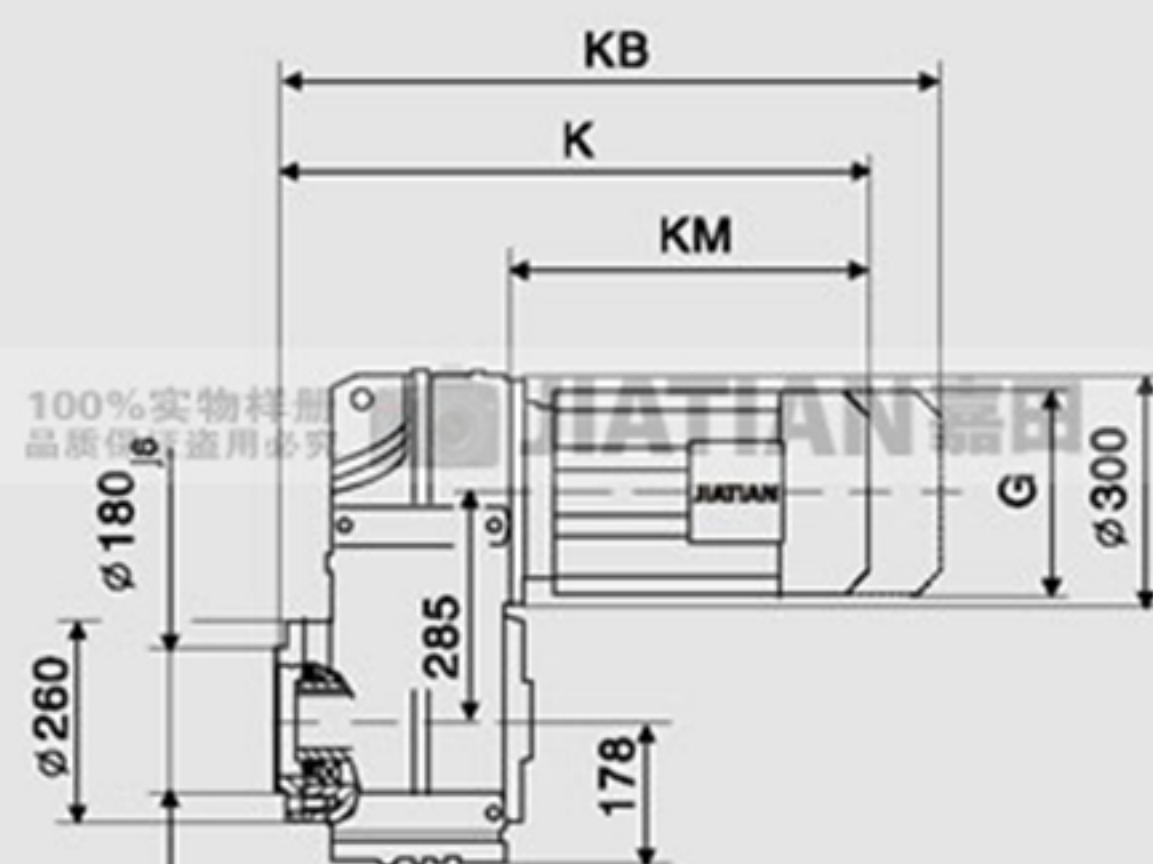
注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



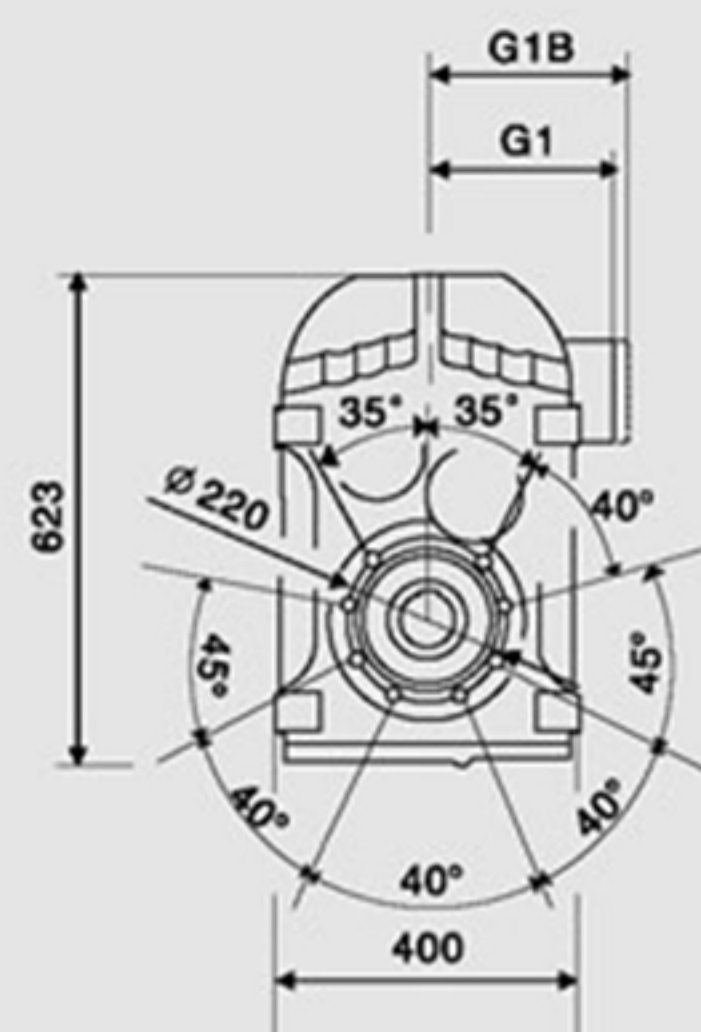
F系列减速机外形安装尺寸



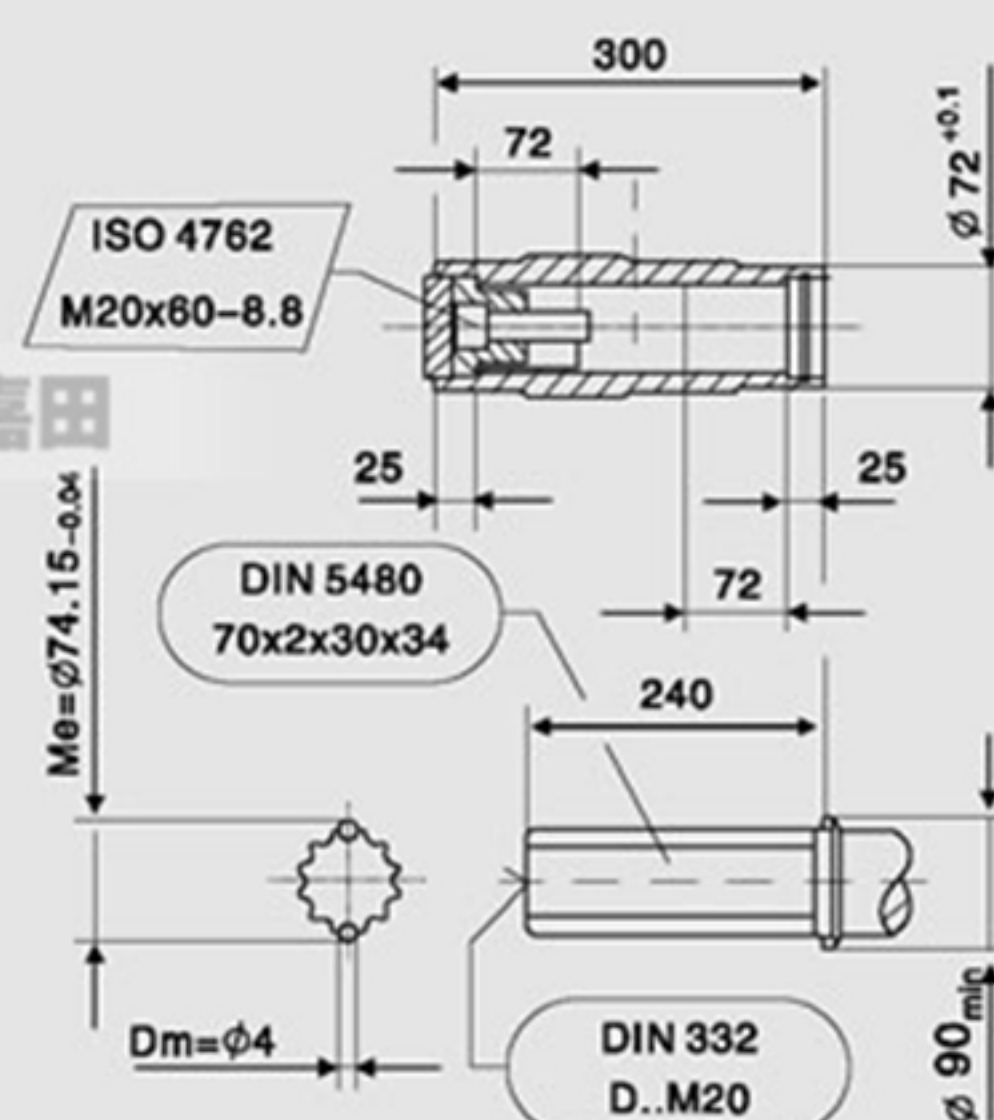
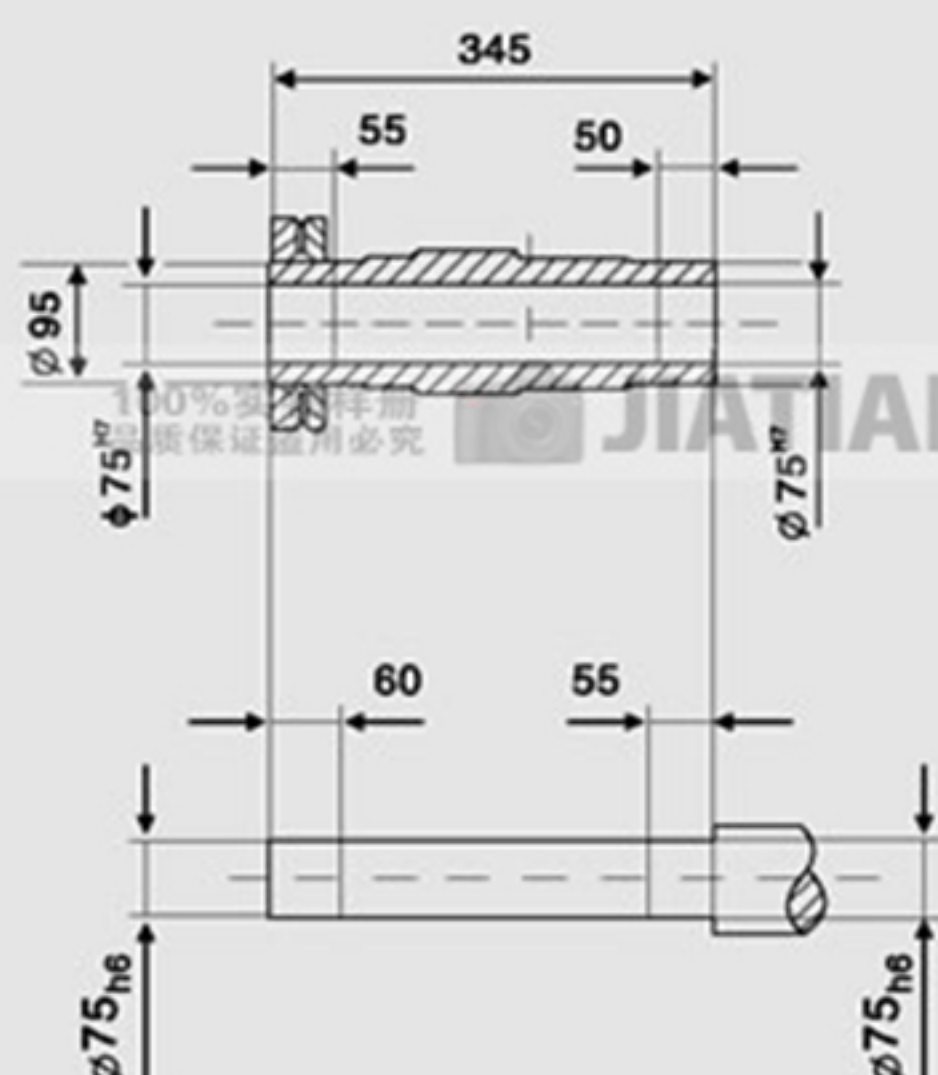
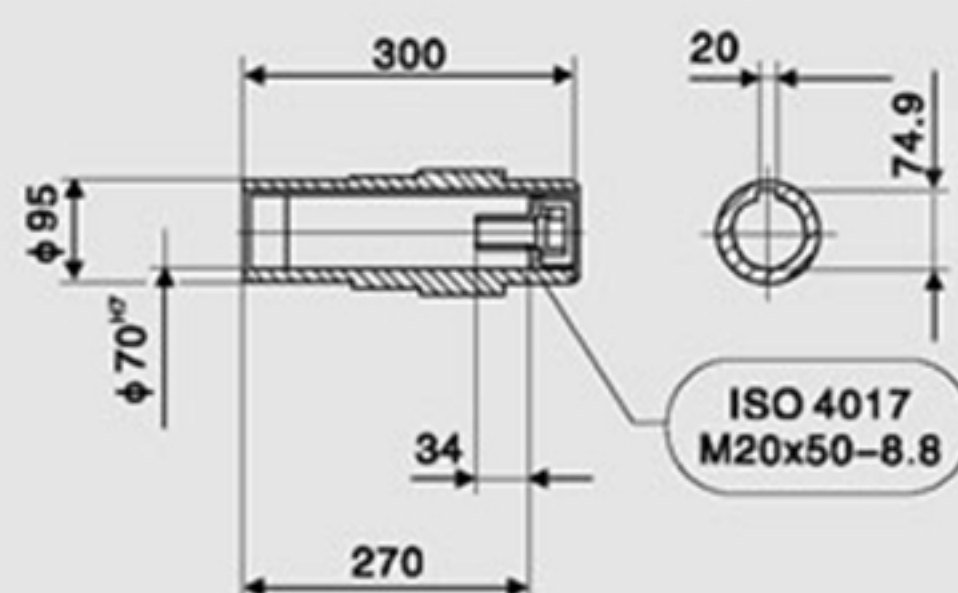
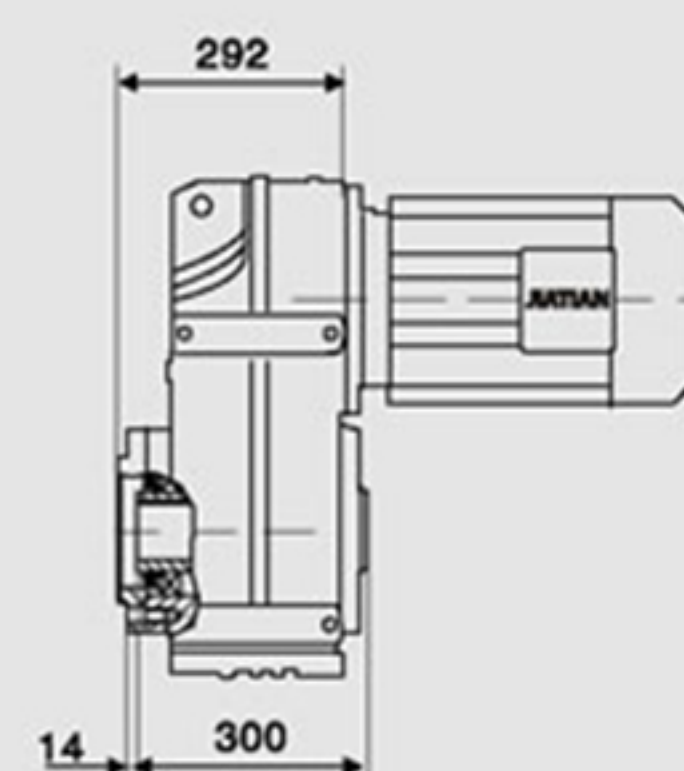
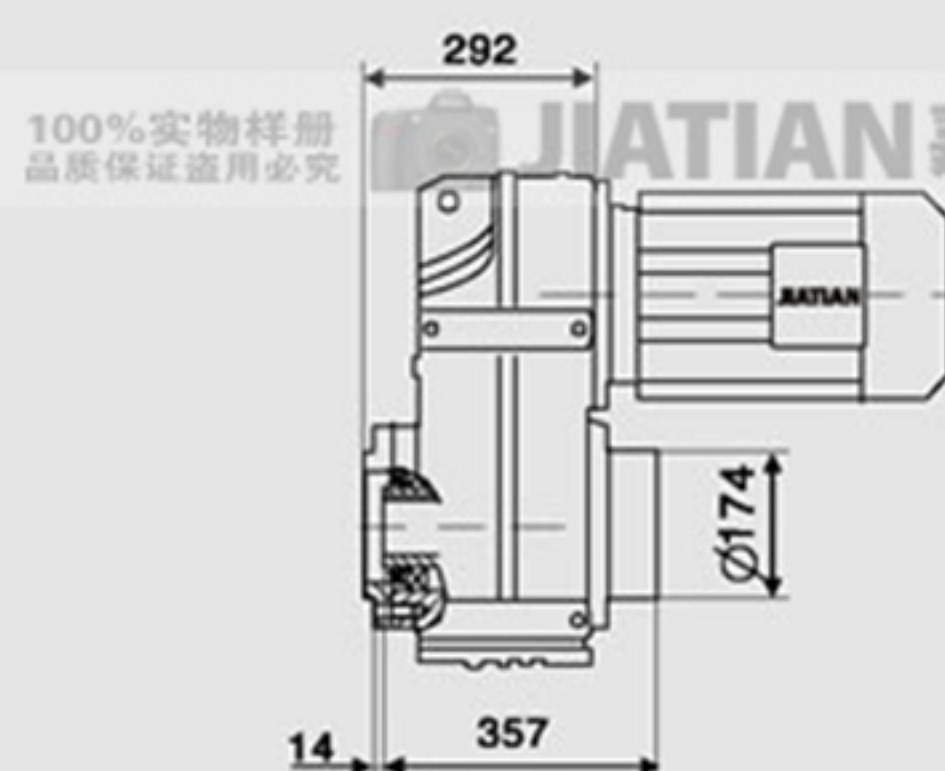
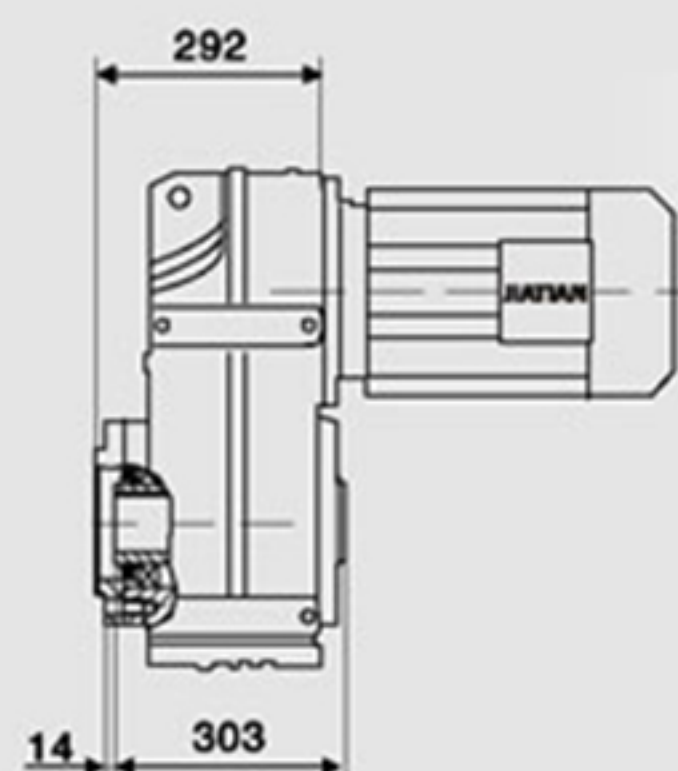
FAZ97..



FHZ97..



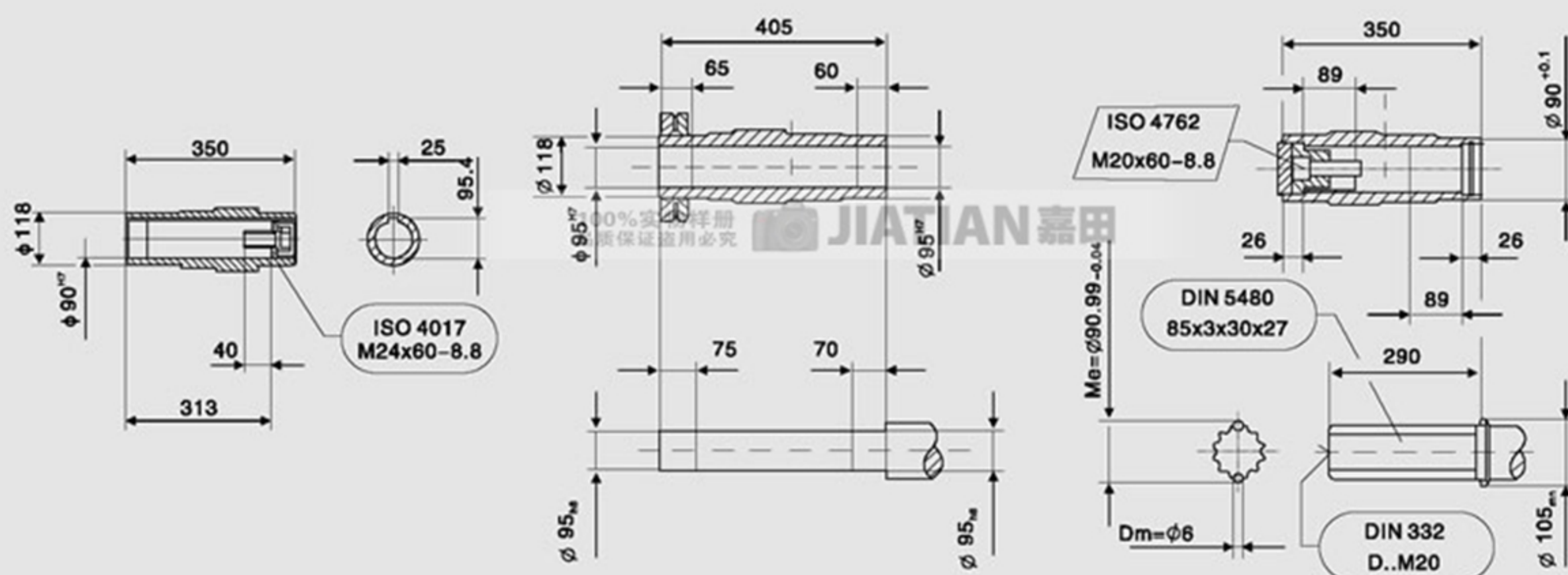
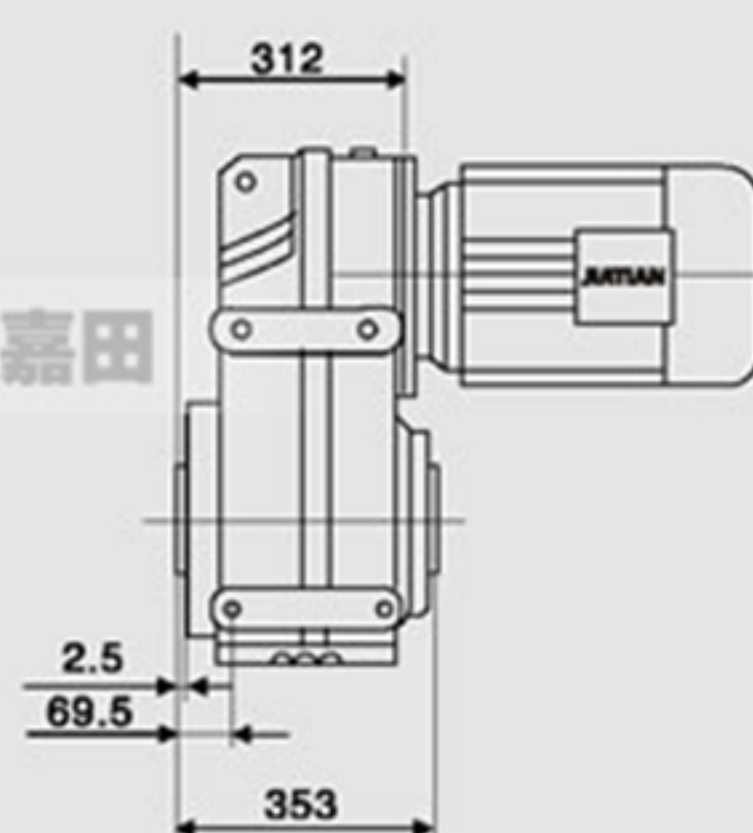
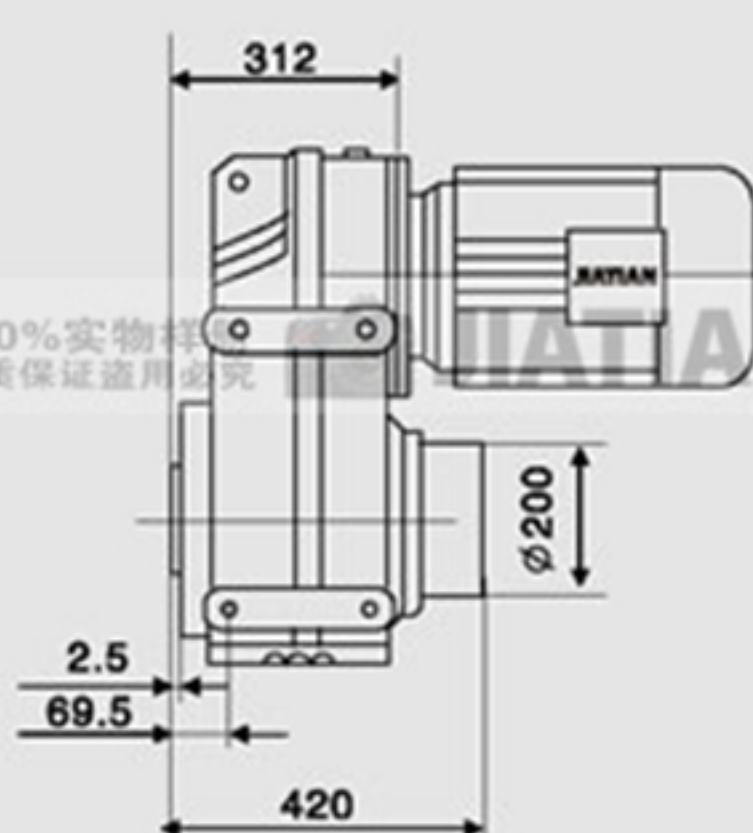
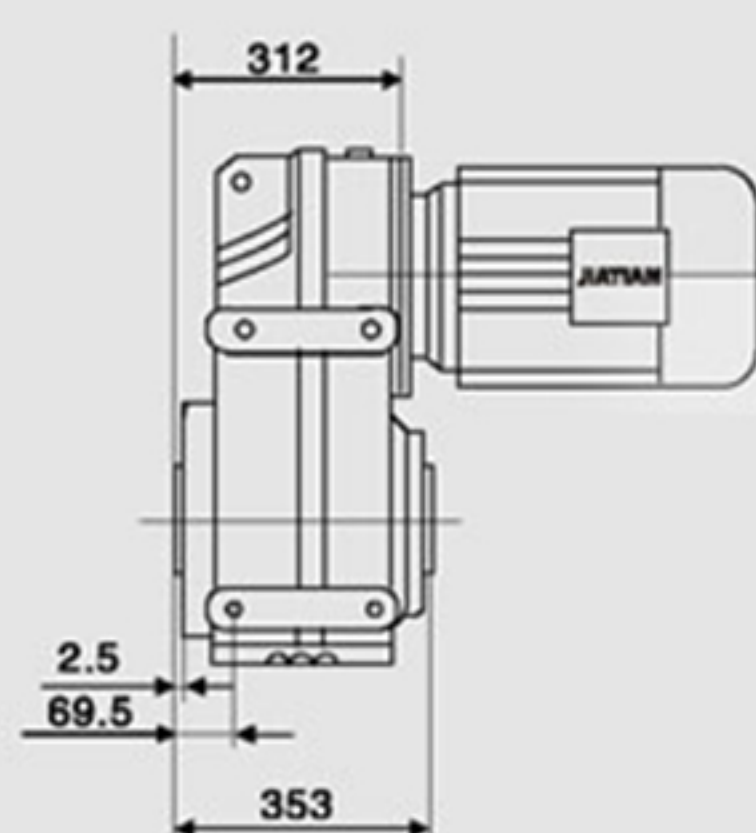
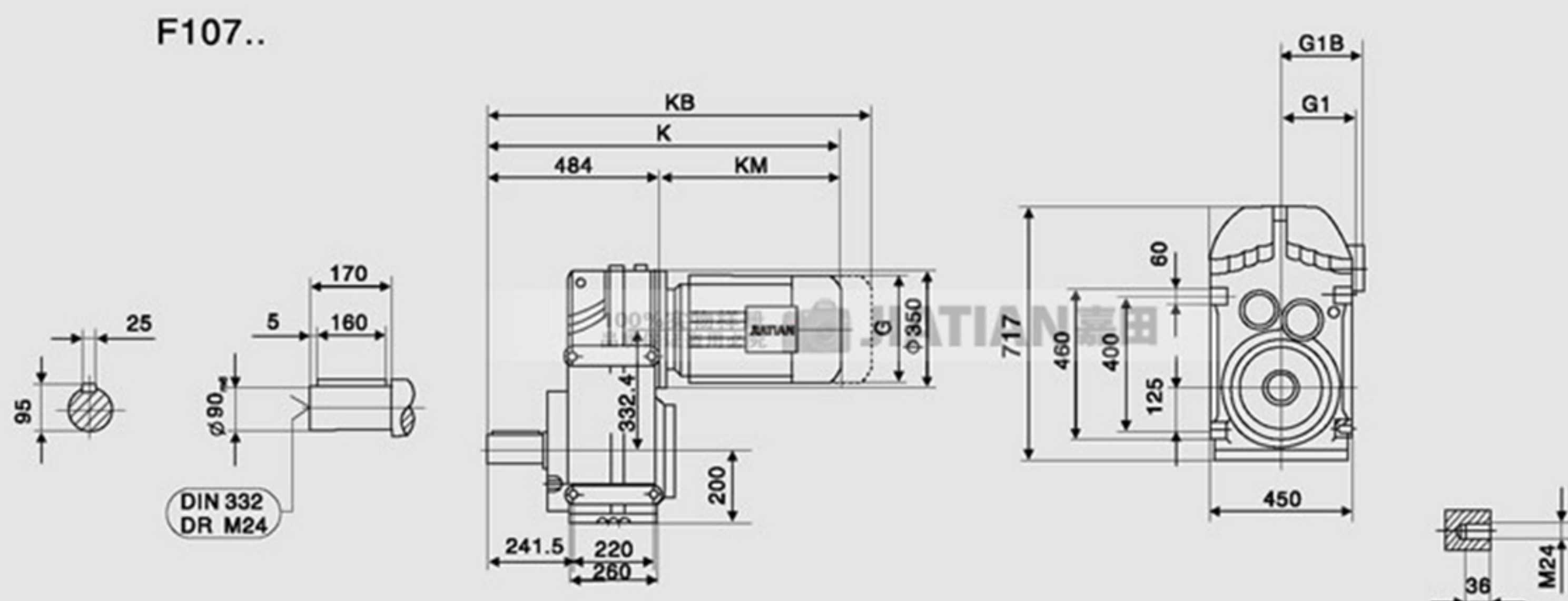
FVZ97..



注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

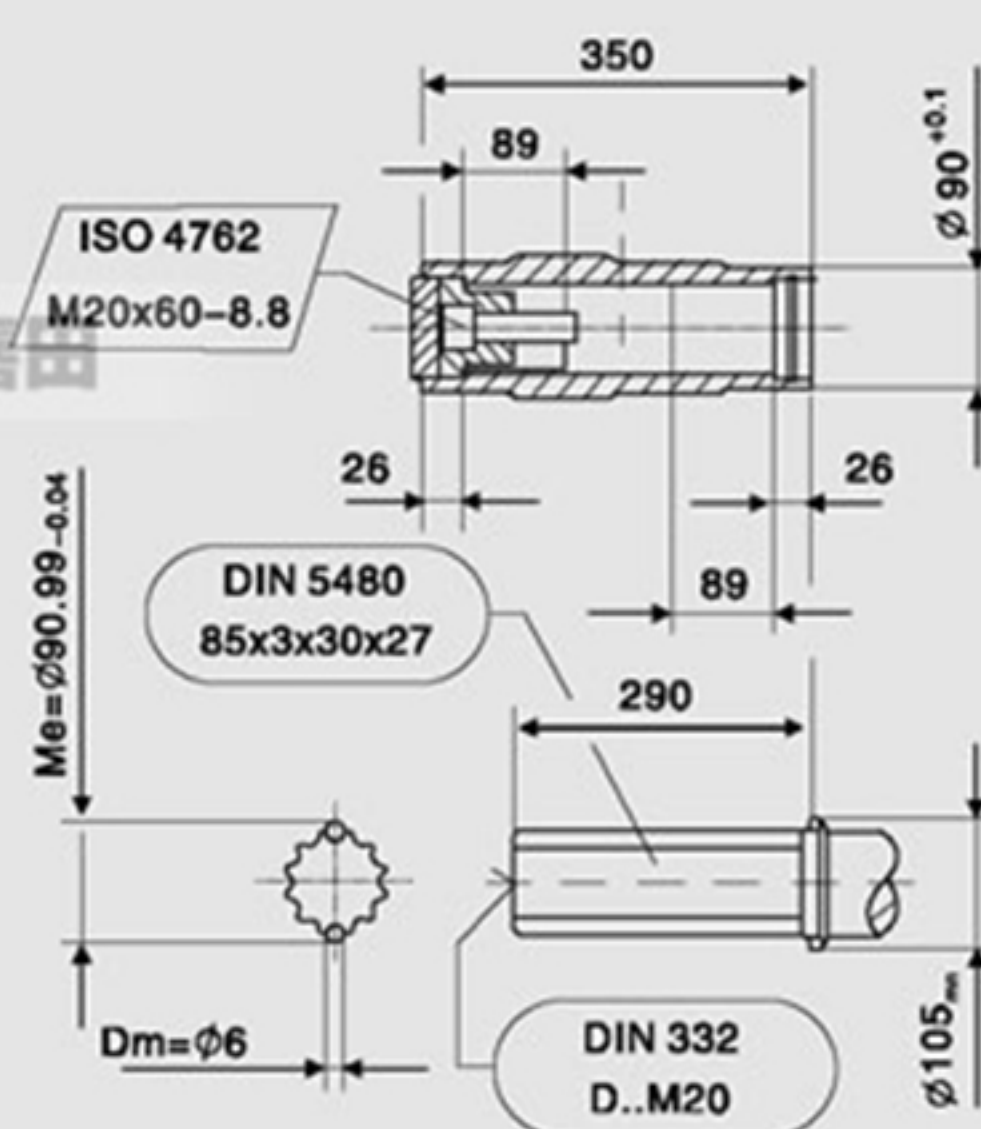
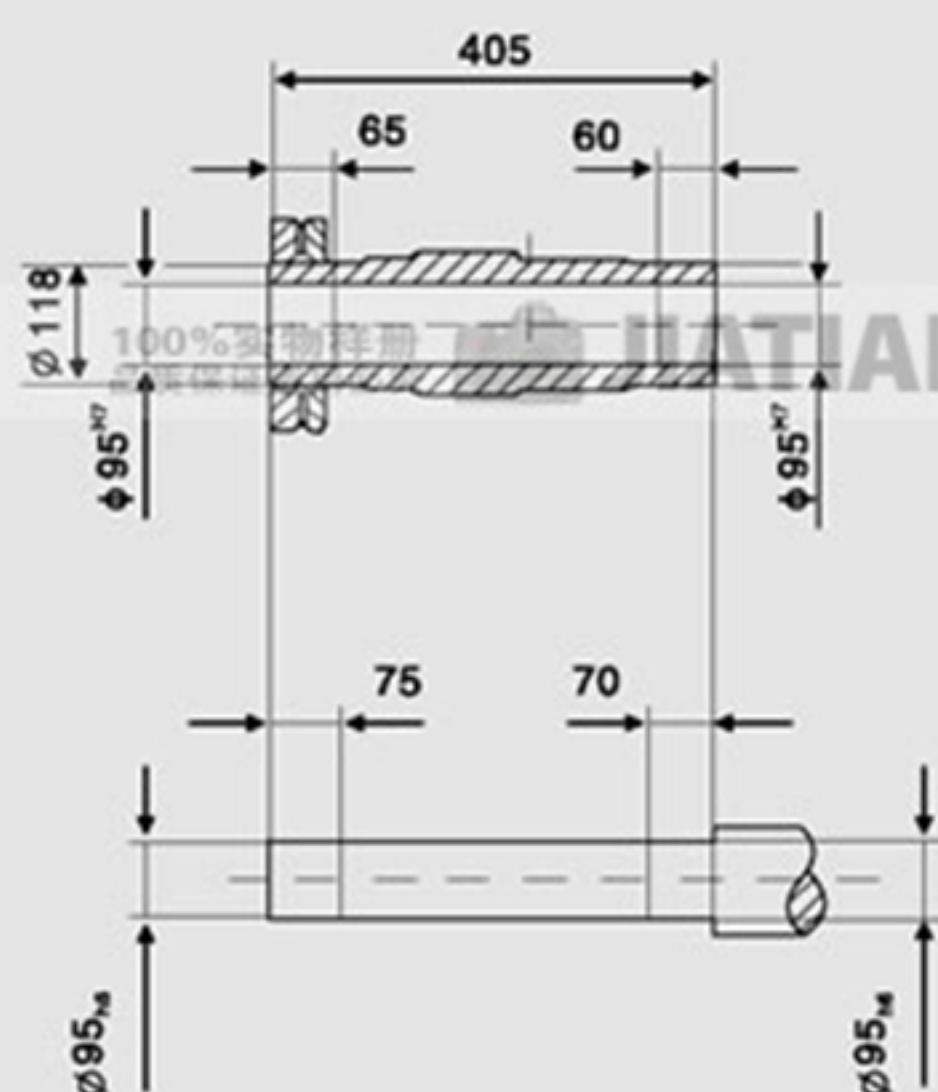
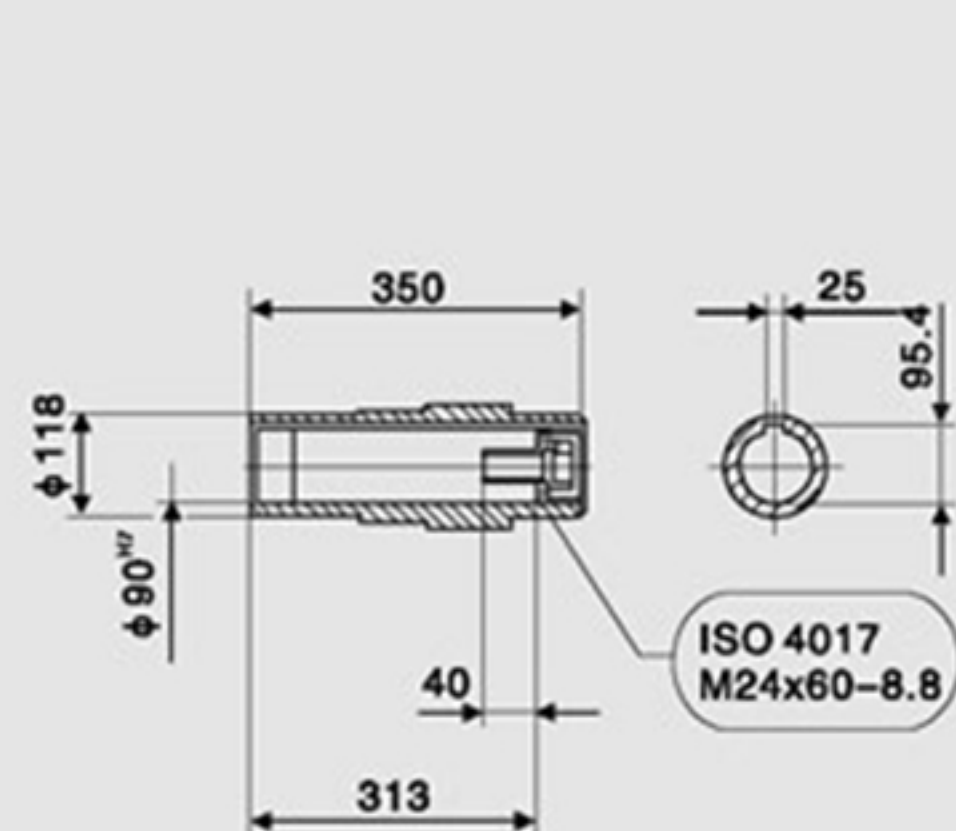
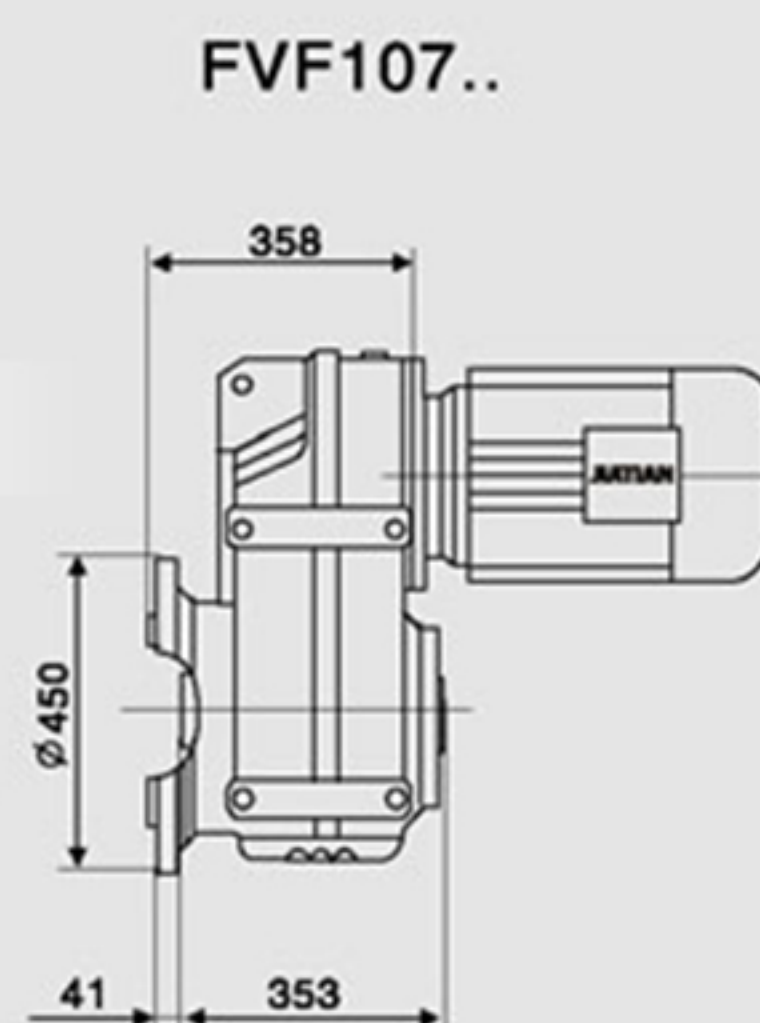
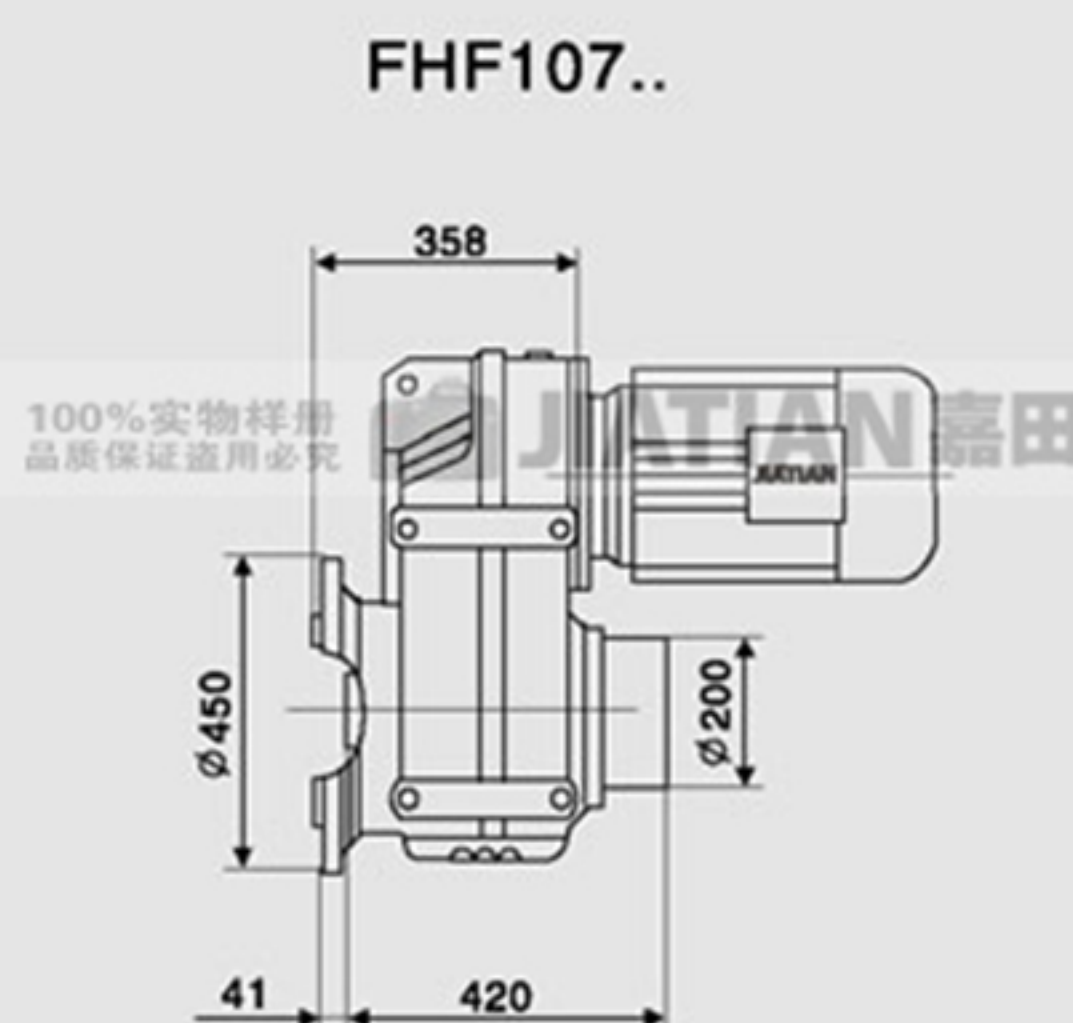
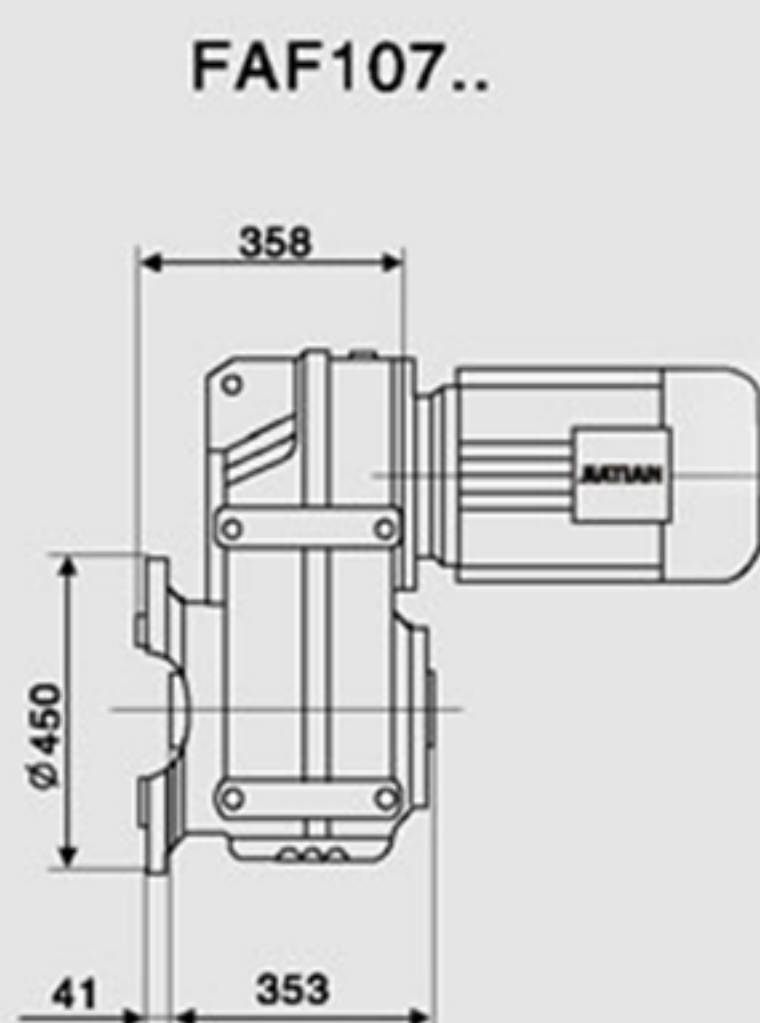
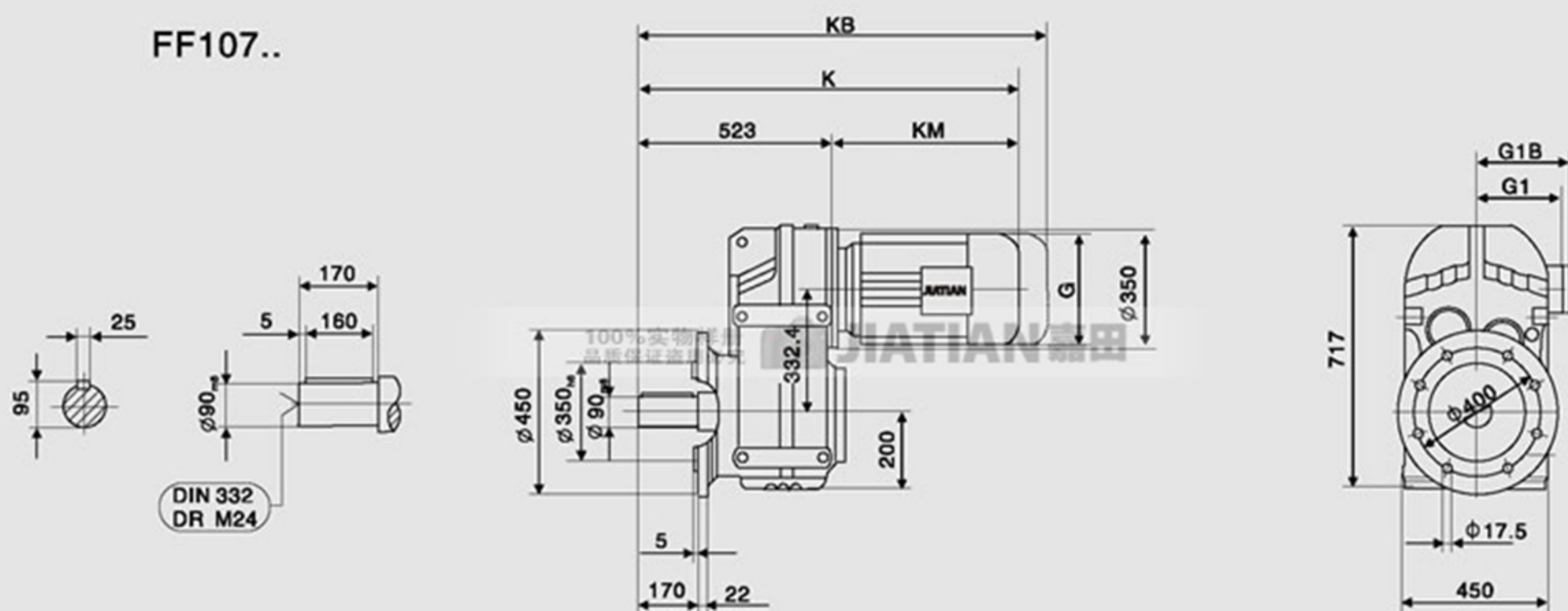




注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

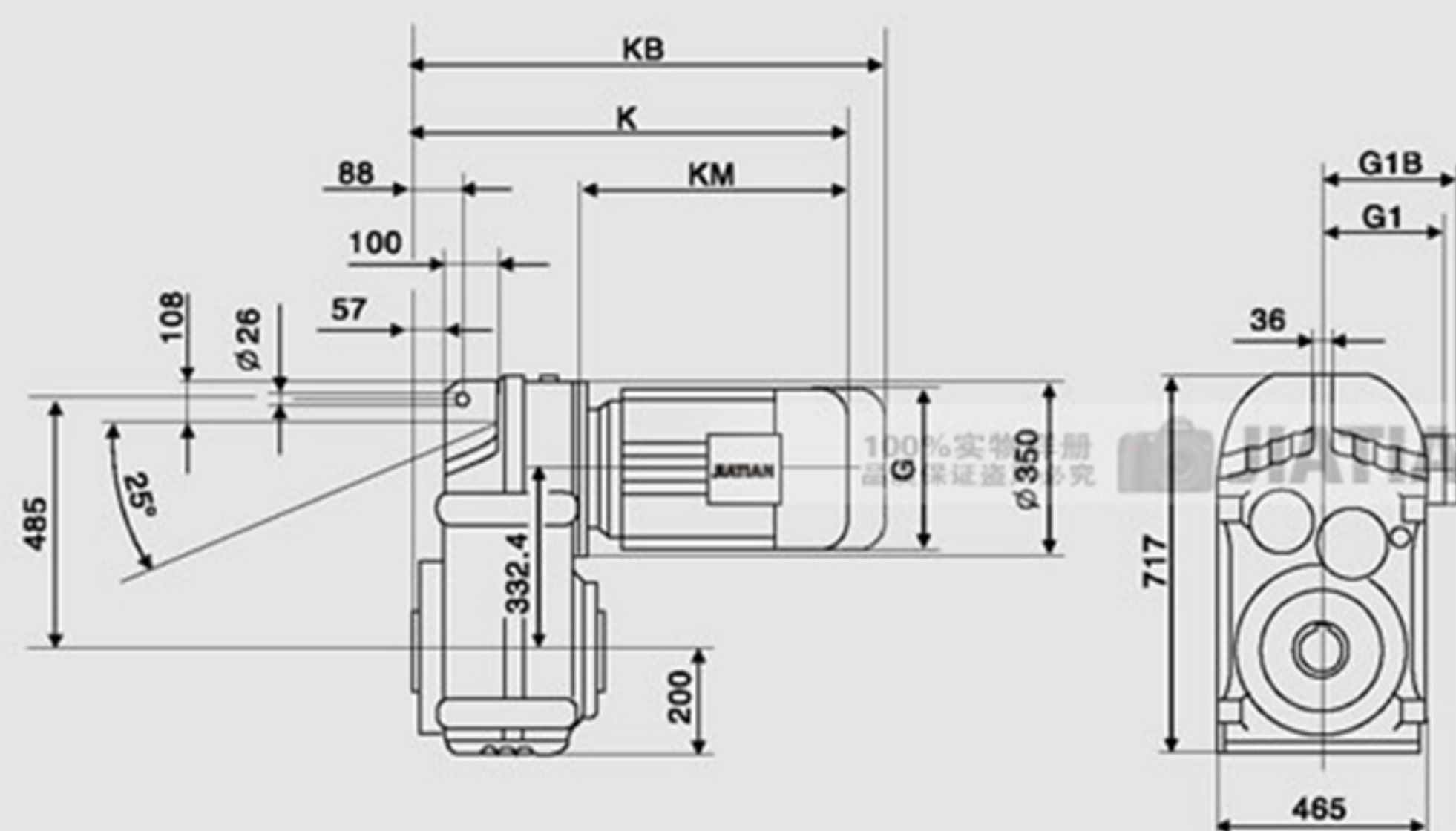




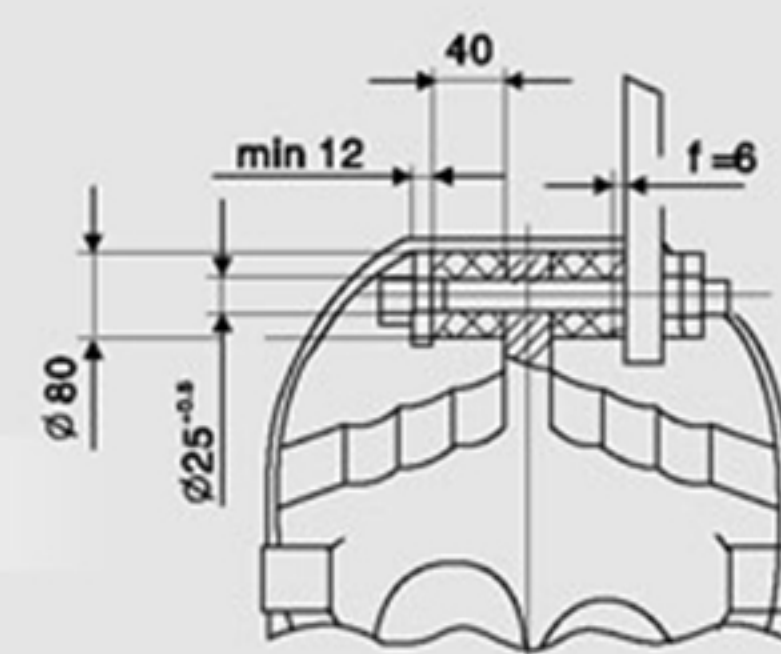
注1: 图中KM、G1、G的尺寸见第330页。

2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

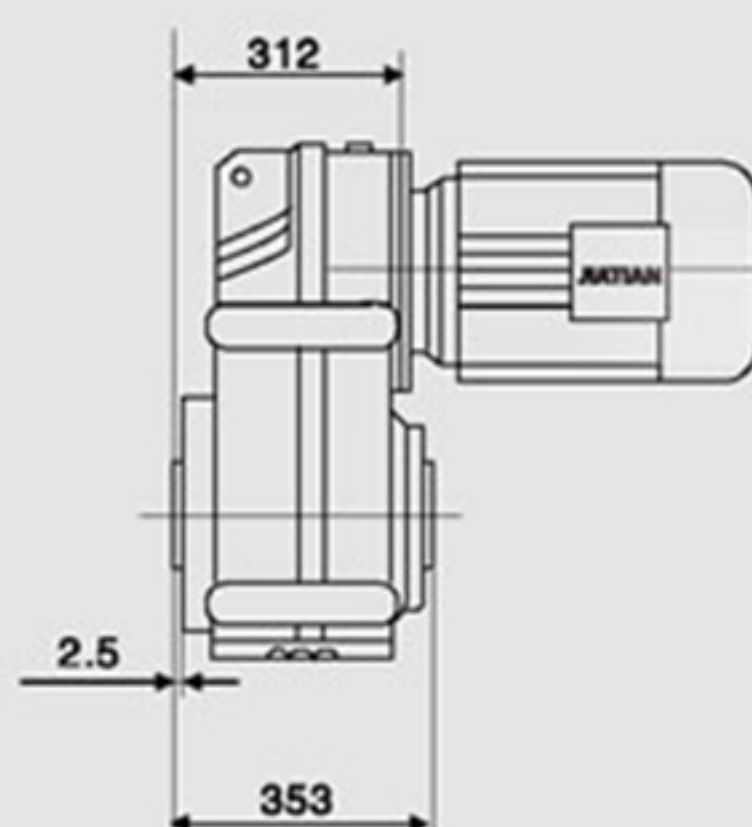




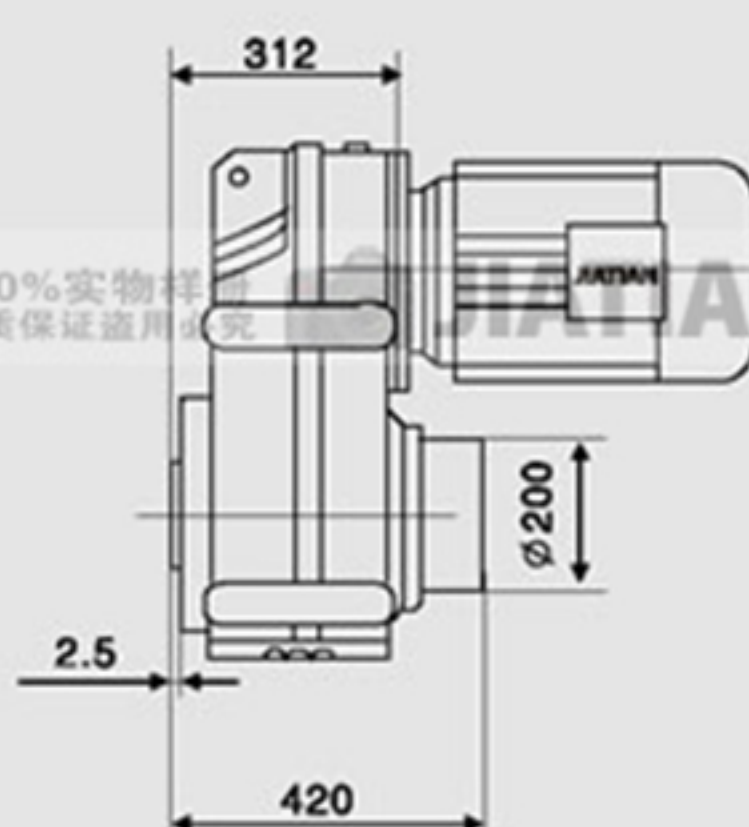
F..G107..



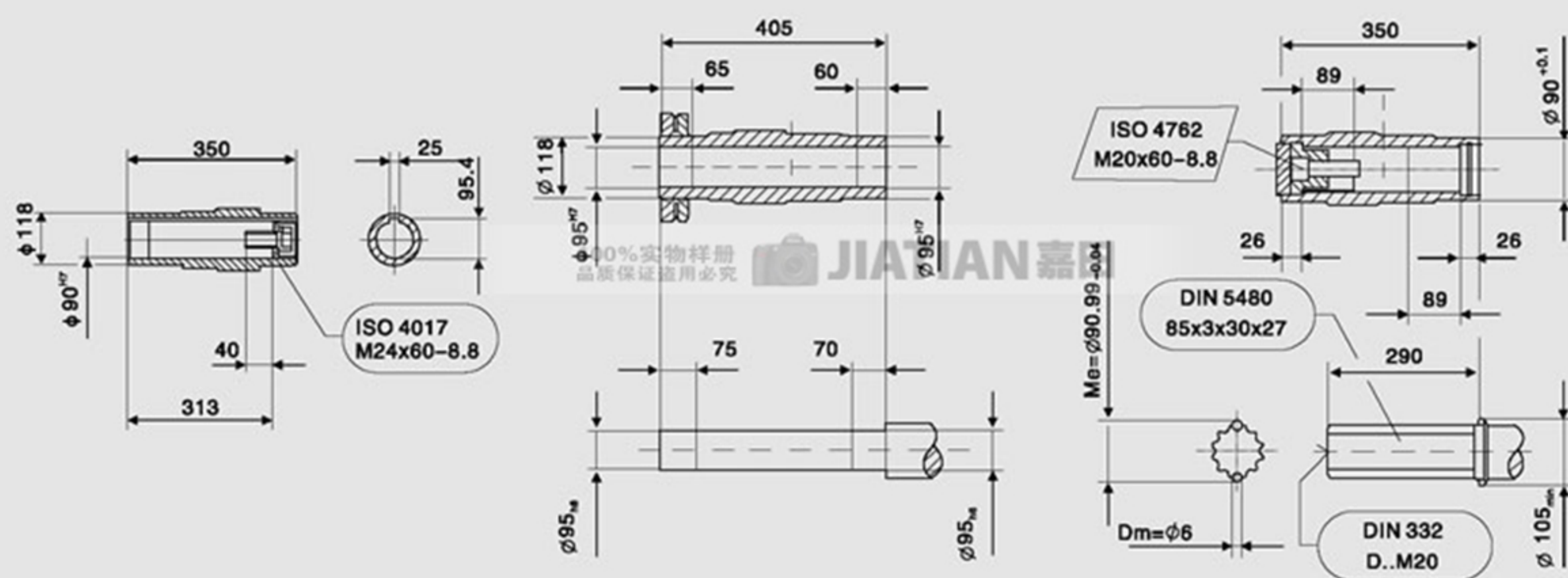
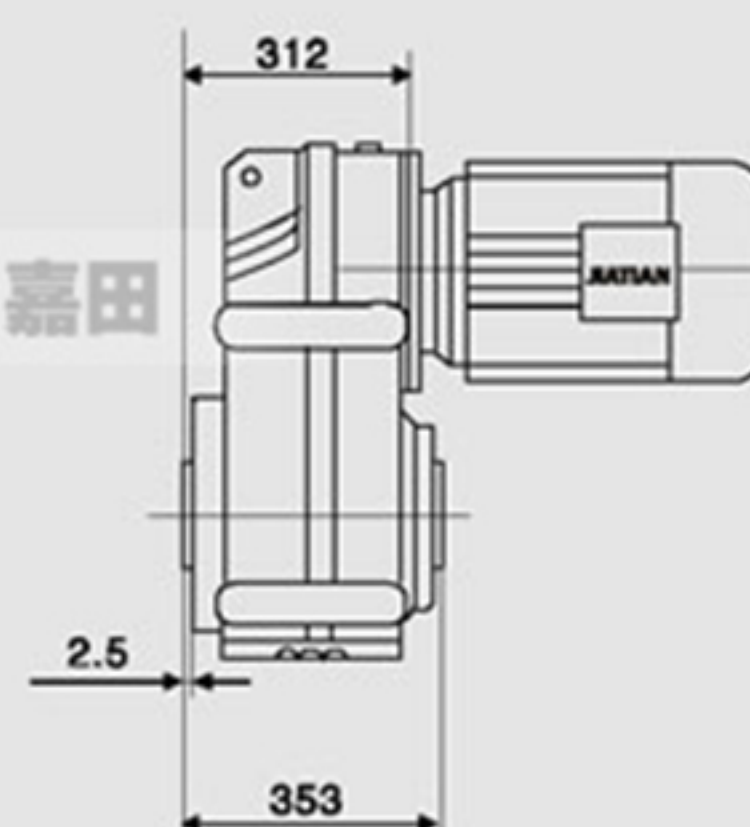
FA107..



FH107..



FV107..

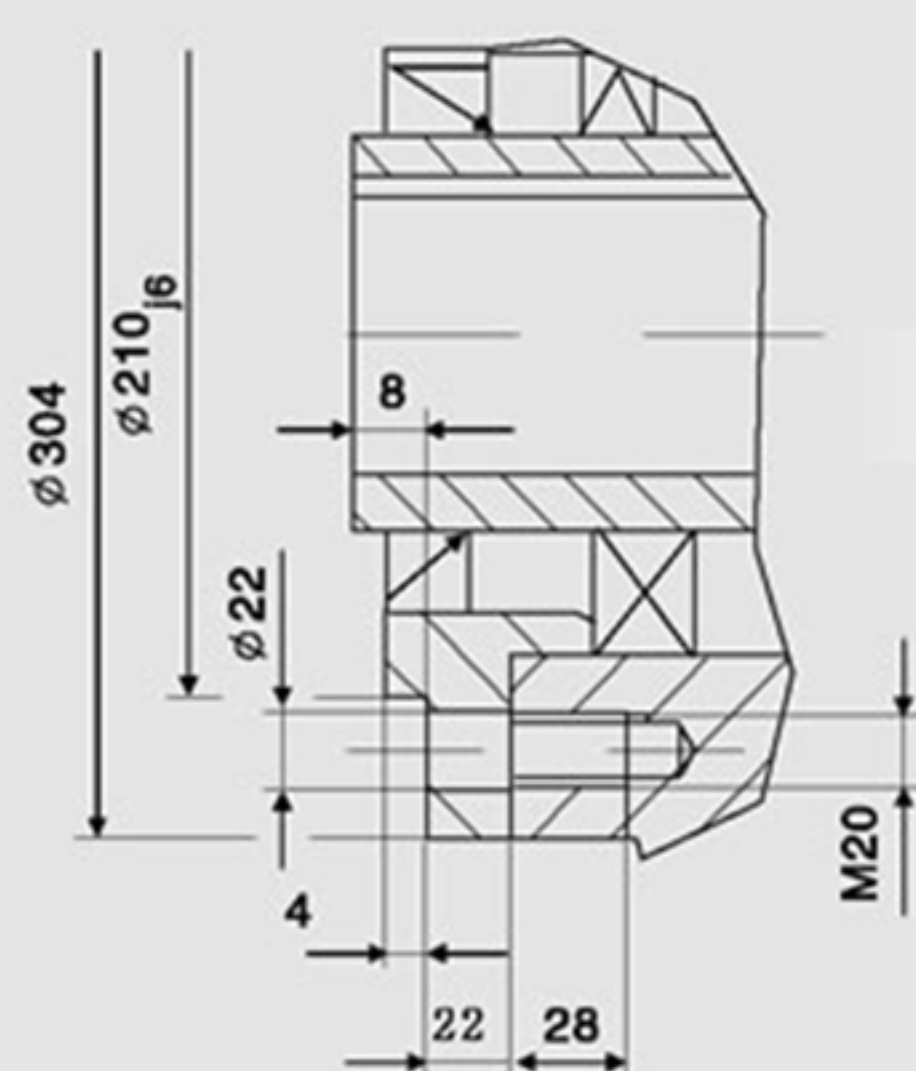


注1: 图中KM、G1、G的尺寸见第330页。

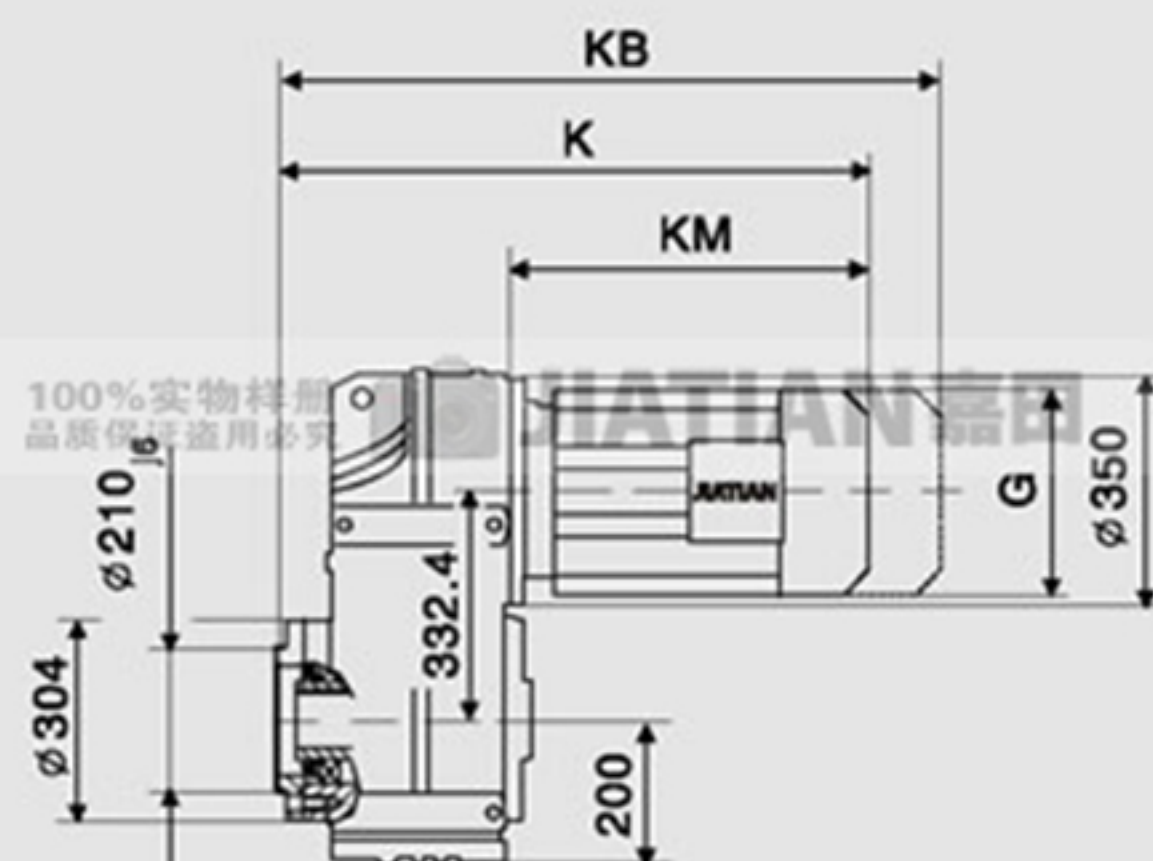
注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



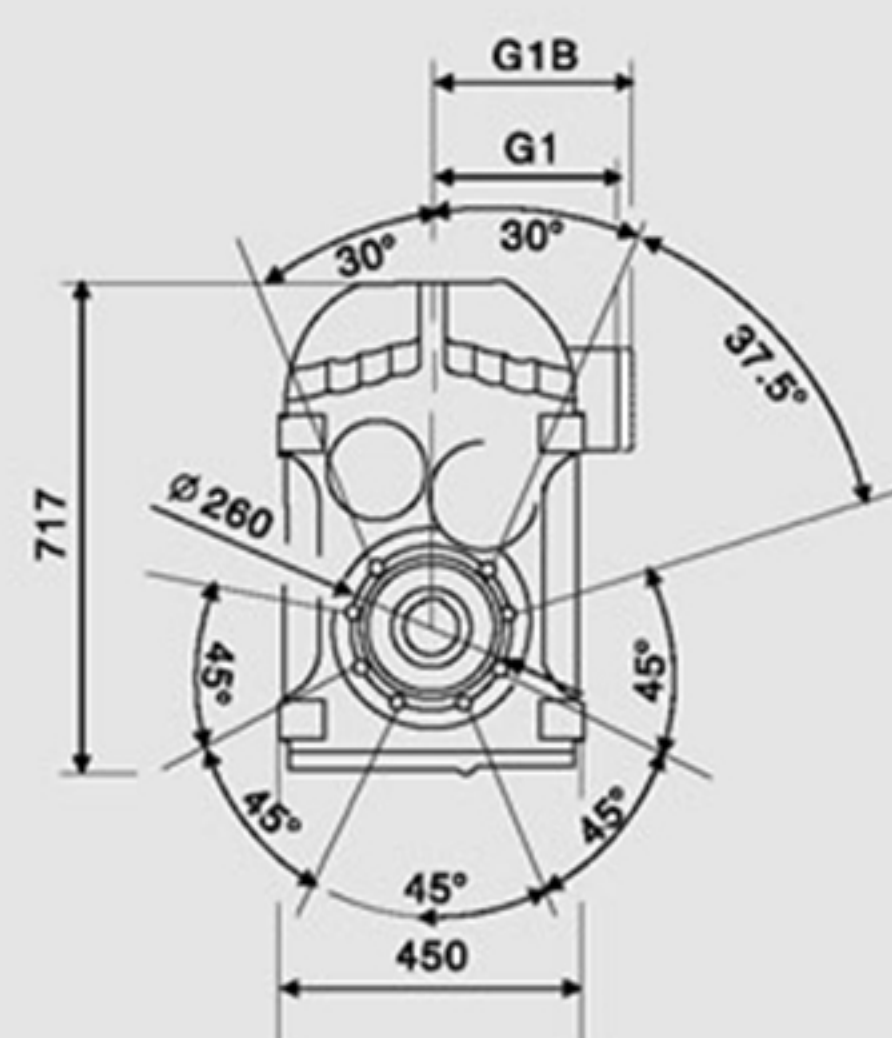
F系列减速机外形安装尺寸



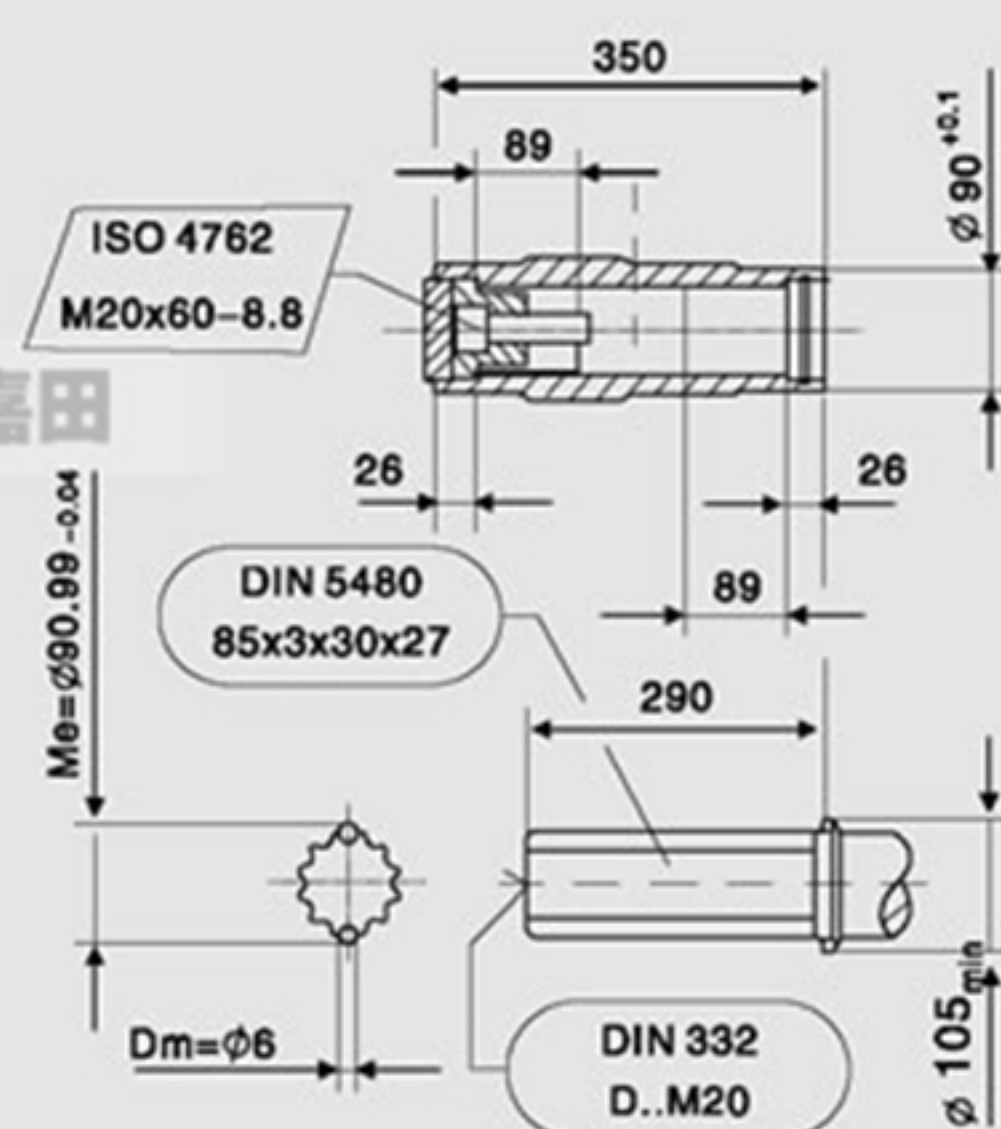
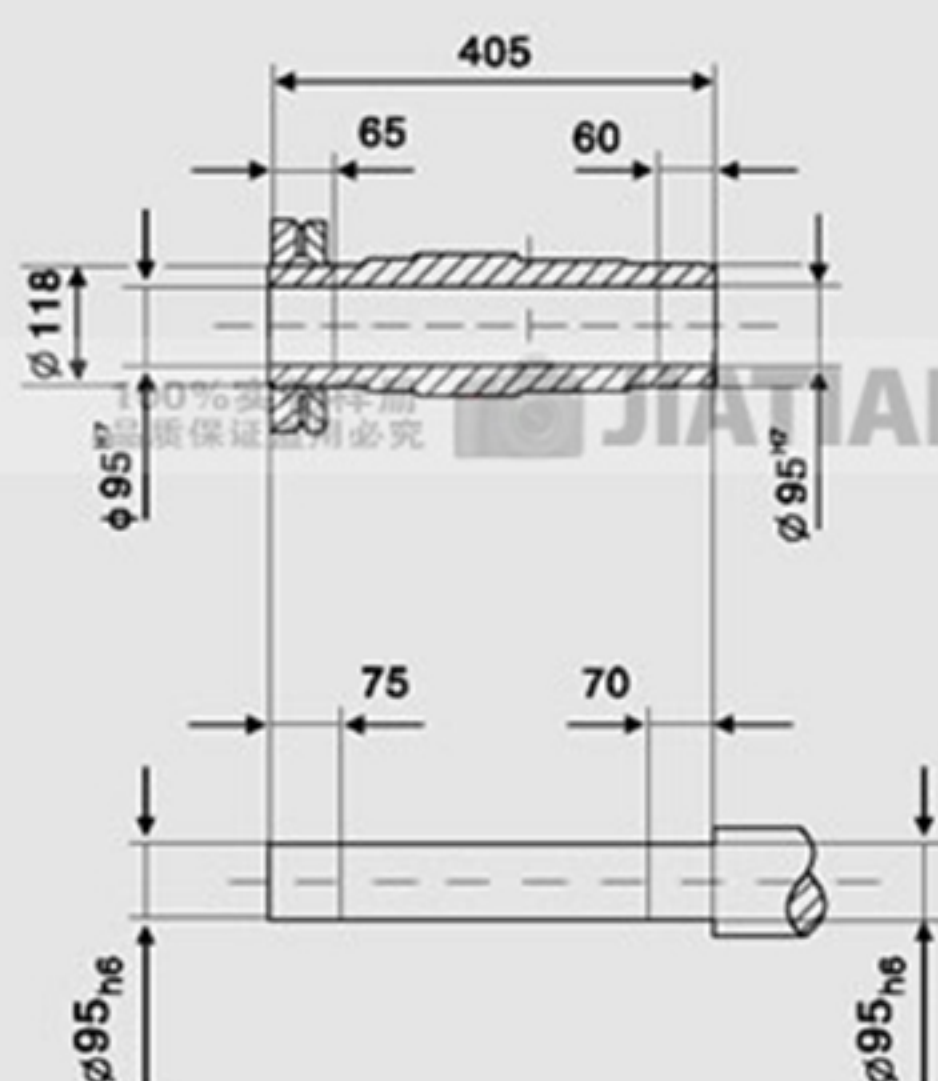
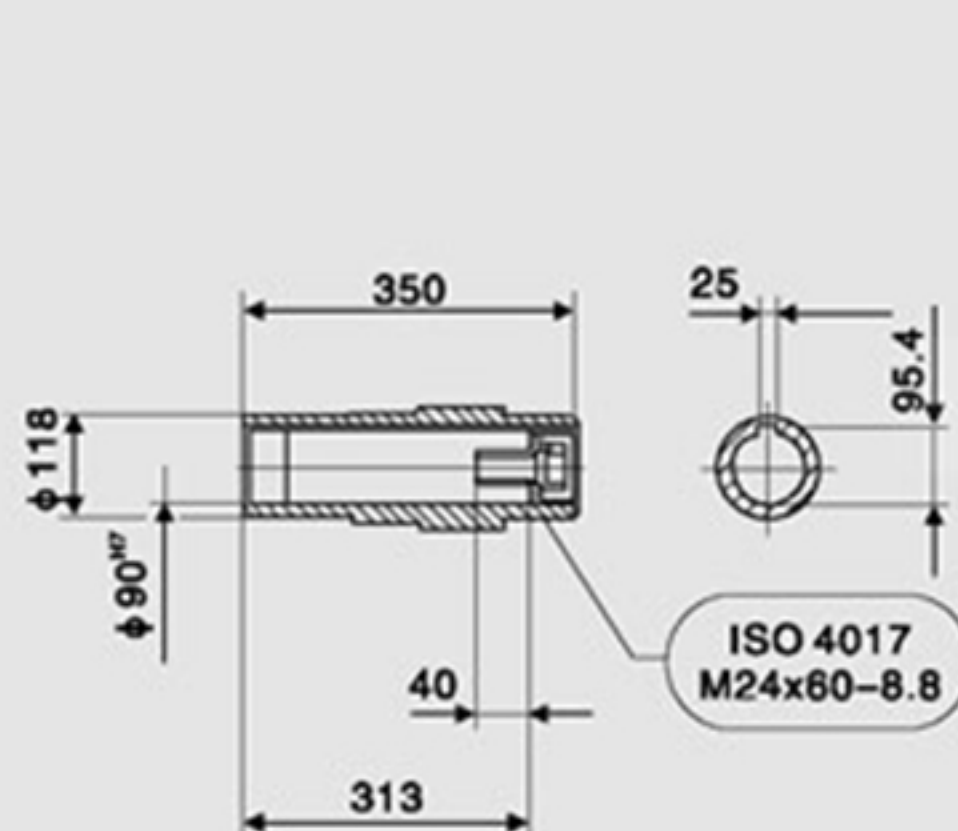
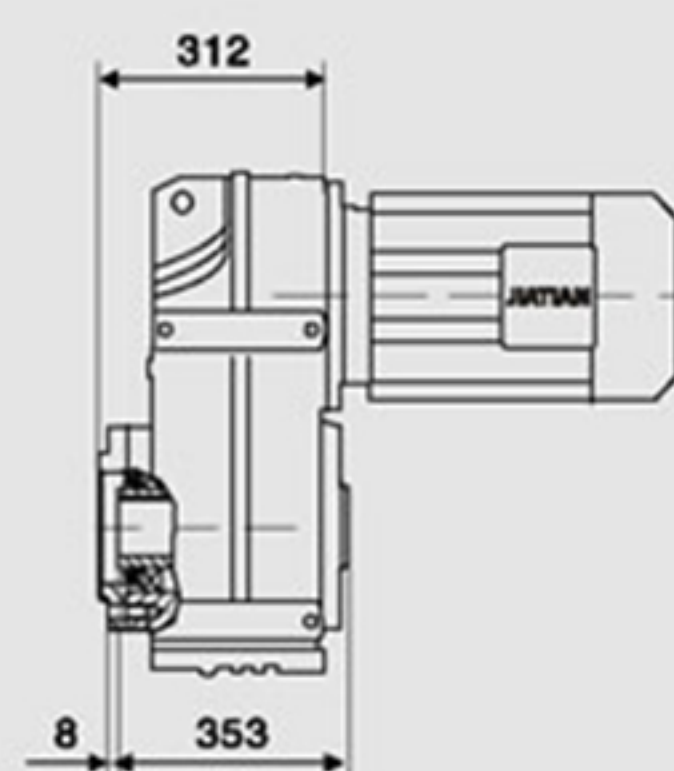
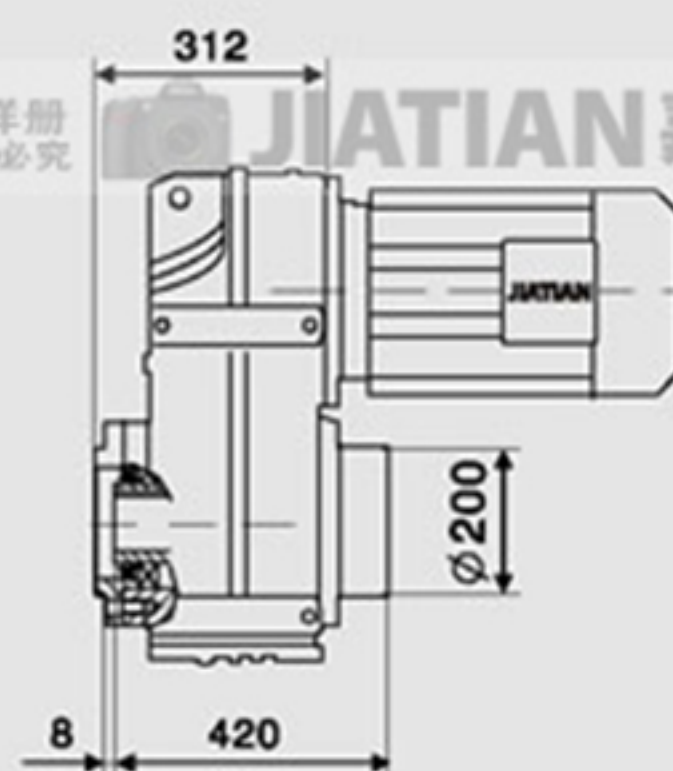
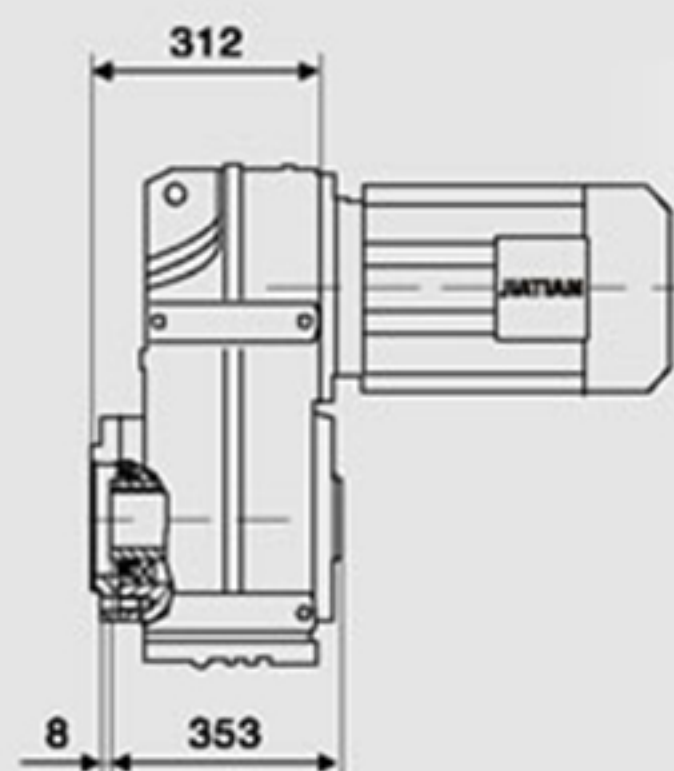
FAZ107..



FHZ107..



FVZ107..

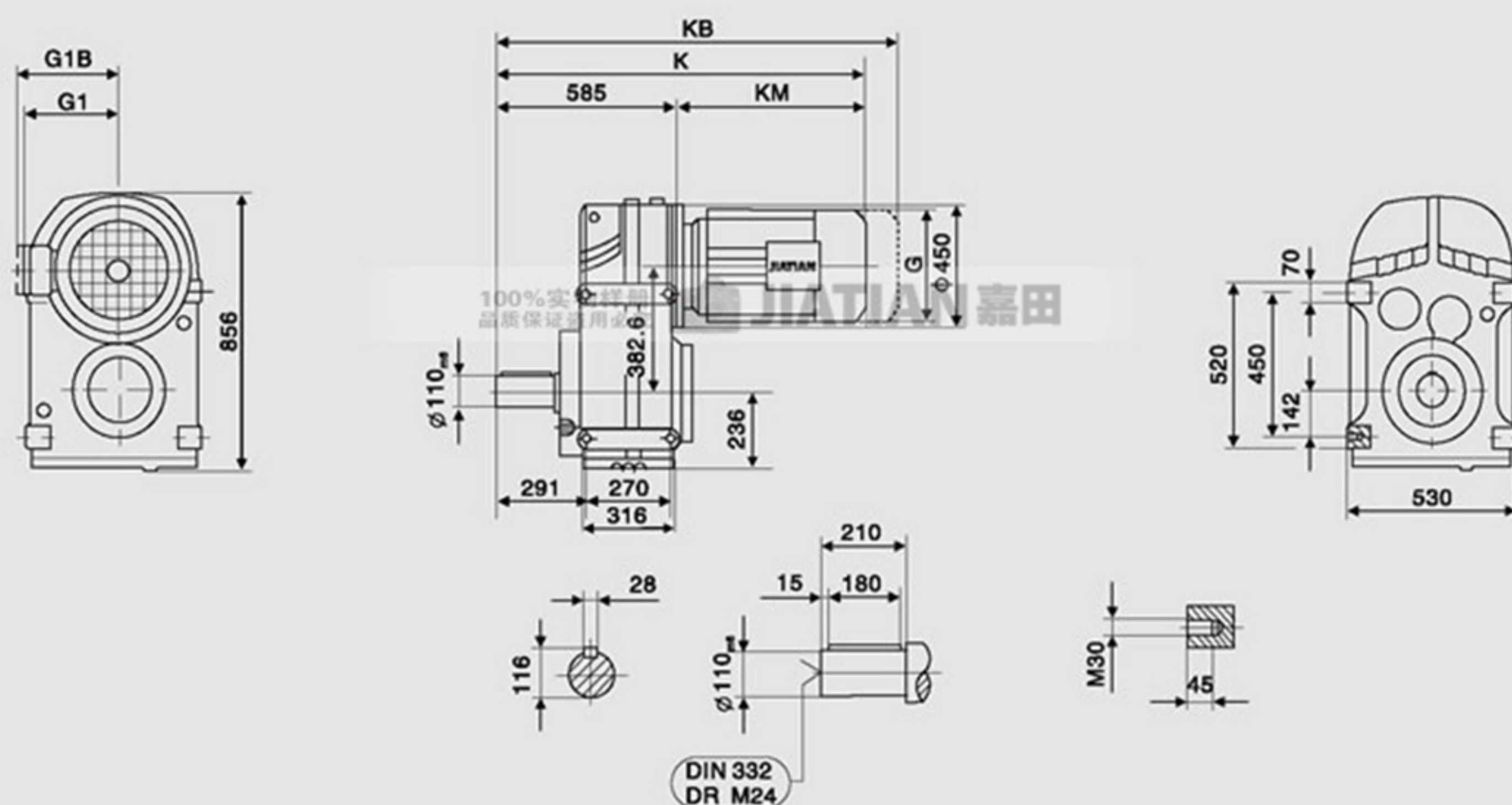


注1: 图中KM、G1、G的尺寸见第330页。

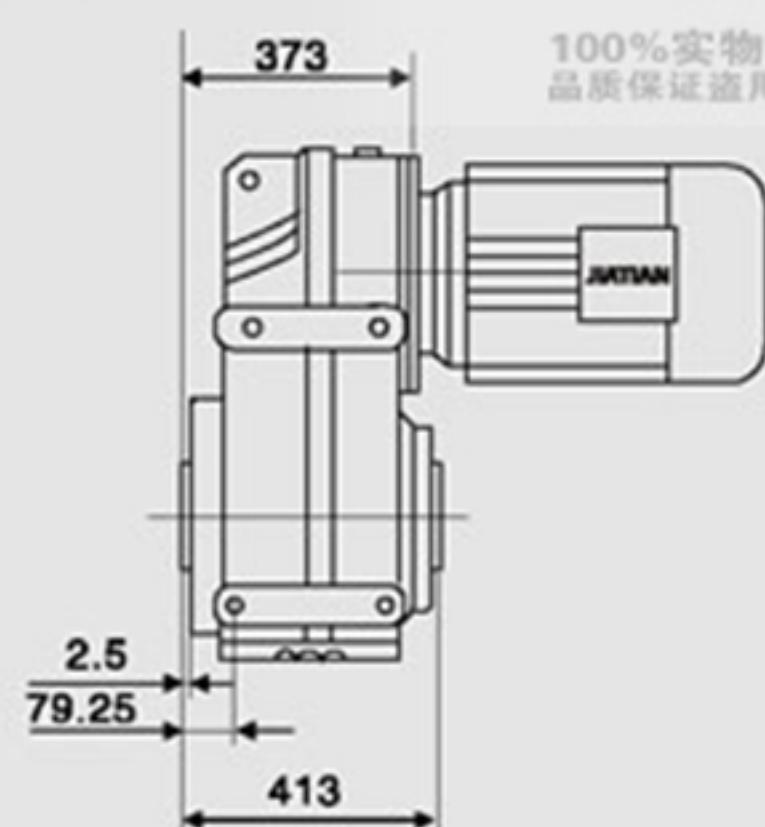
注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



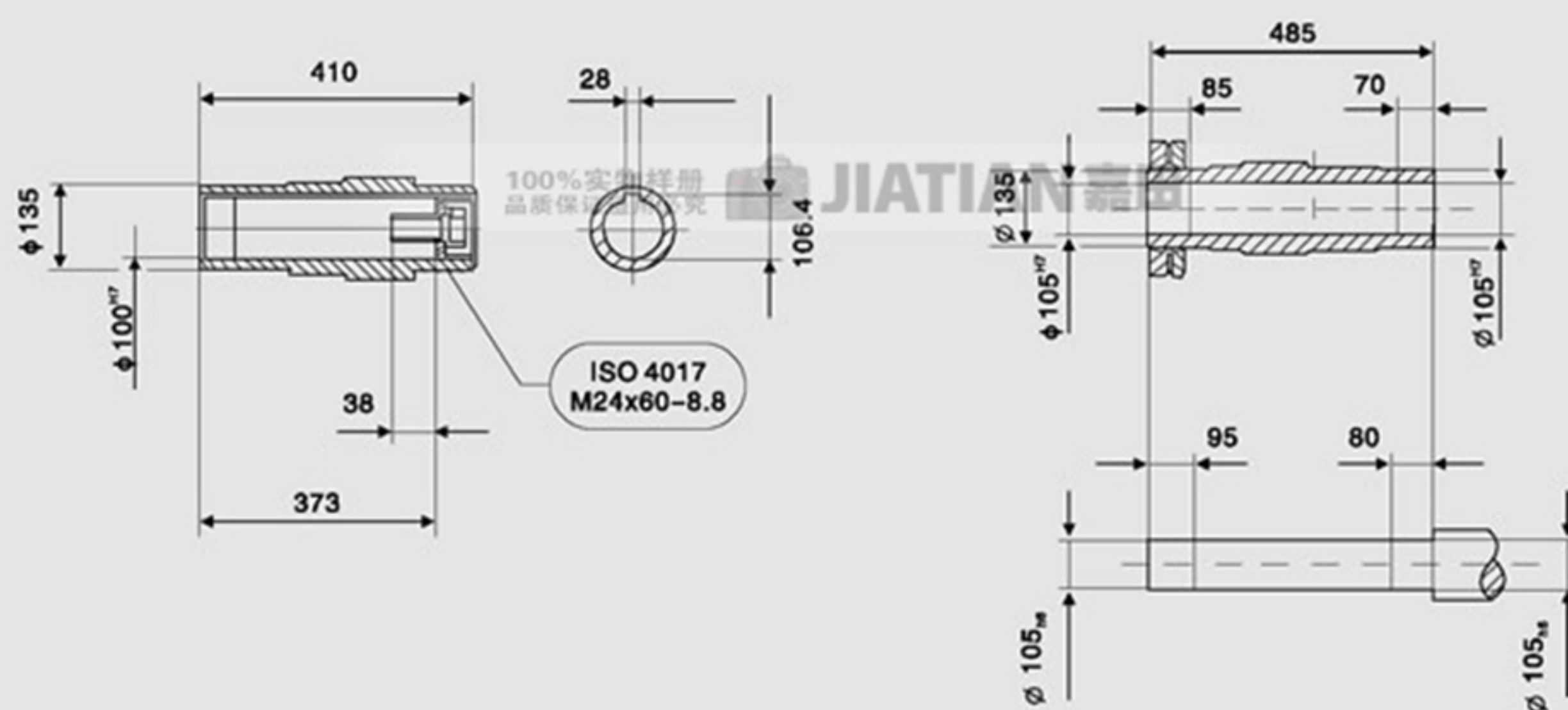
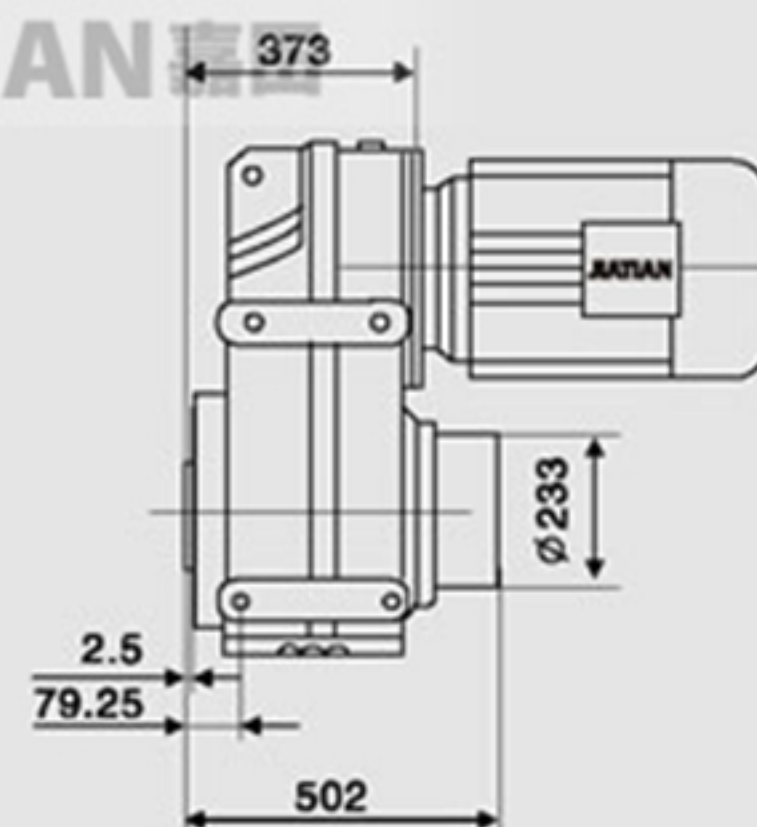
### F127..



### FAB127..



### FHB127..



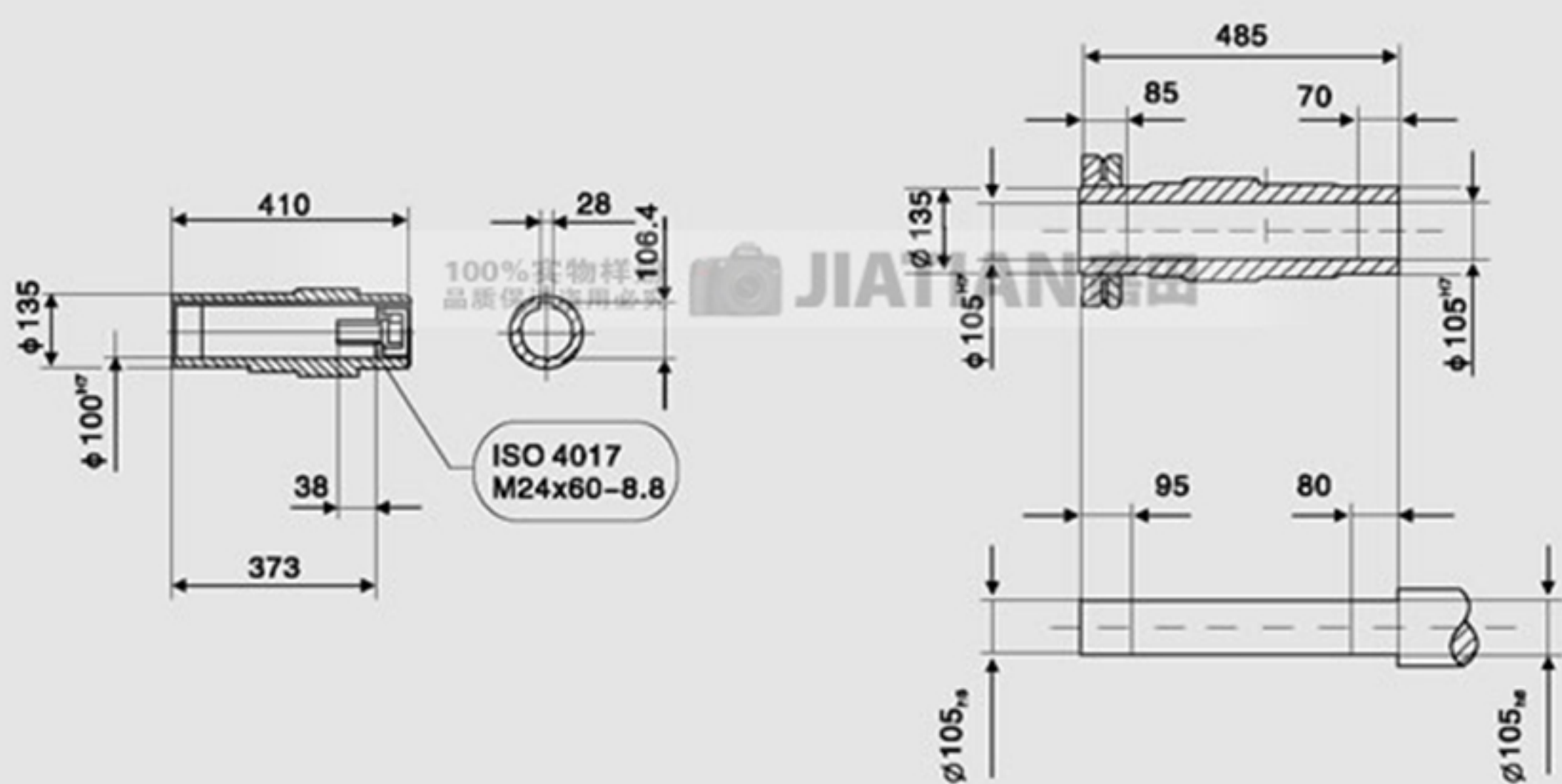
注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。



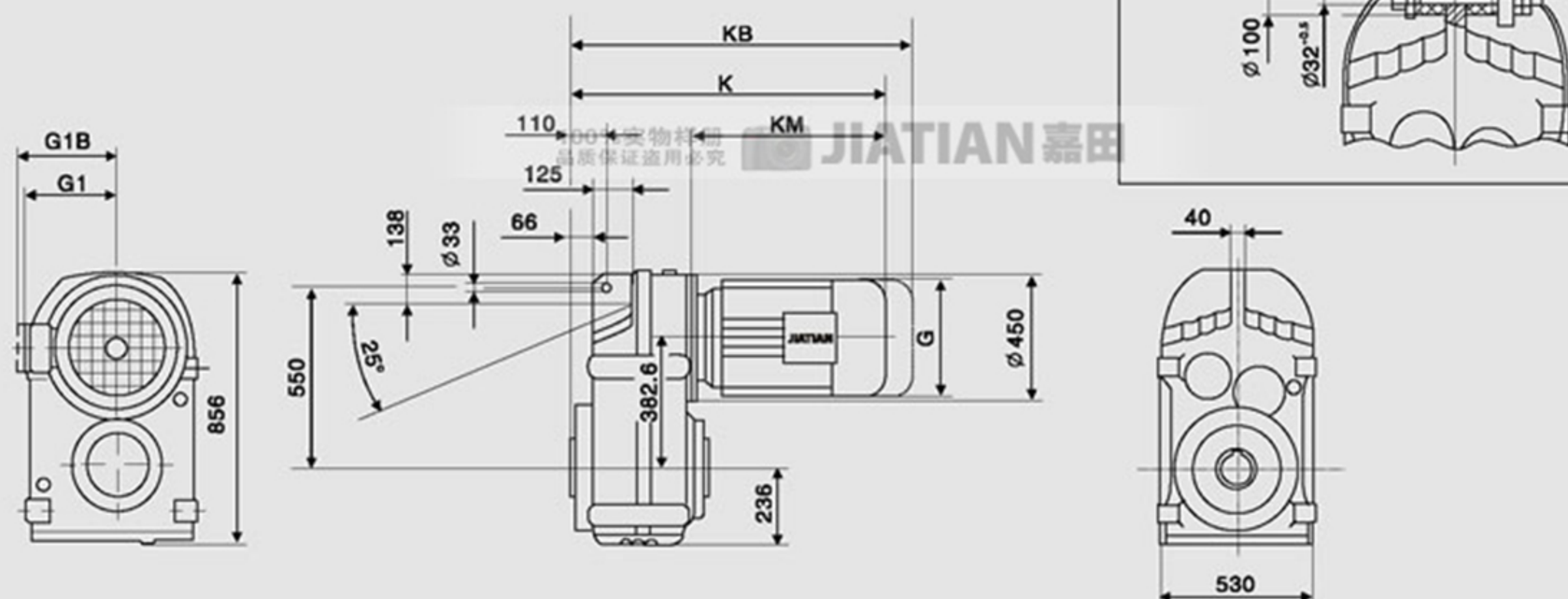
[illegible]

Technical drawing of the JIATIAN J1000-2000A motor. The drawing shows the motor from a side profile. Key dimensions are indicated: a total width of 429, a mounting flange diameter of  $\varnothing 550$ , a mounting flange thickness of 51, and a main body width of 413. A note in the upper right corner states: "100%实物样册 品质保证盗用必究" (100% physical sample book, quality guaranteed, no unauthorized use).



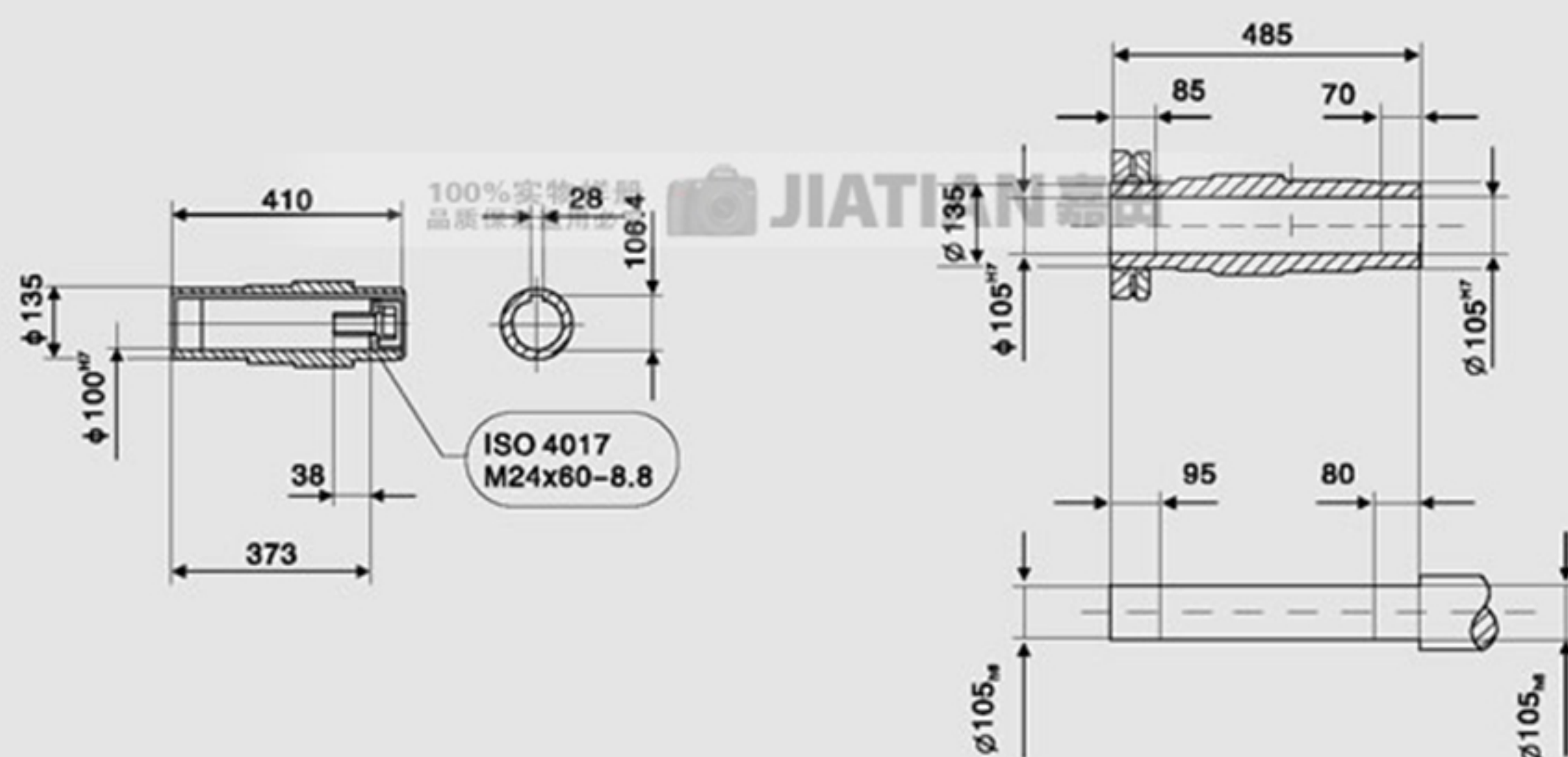
2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。





FA127..

FH127..

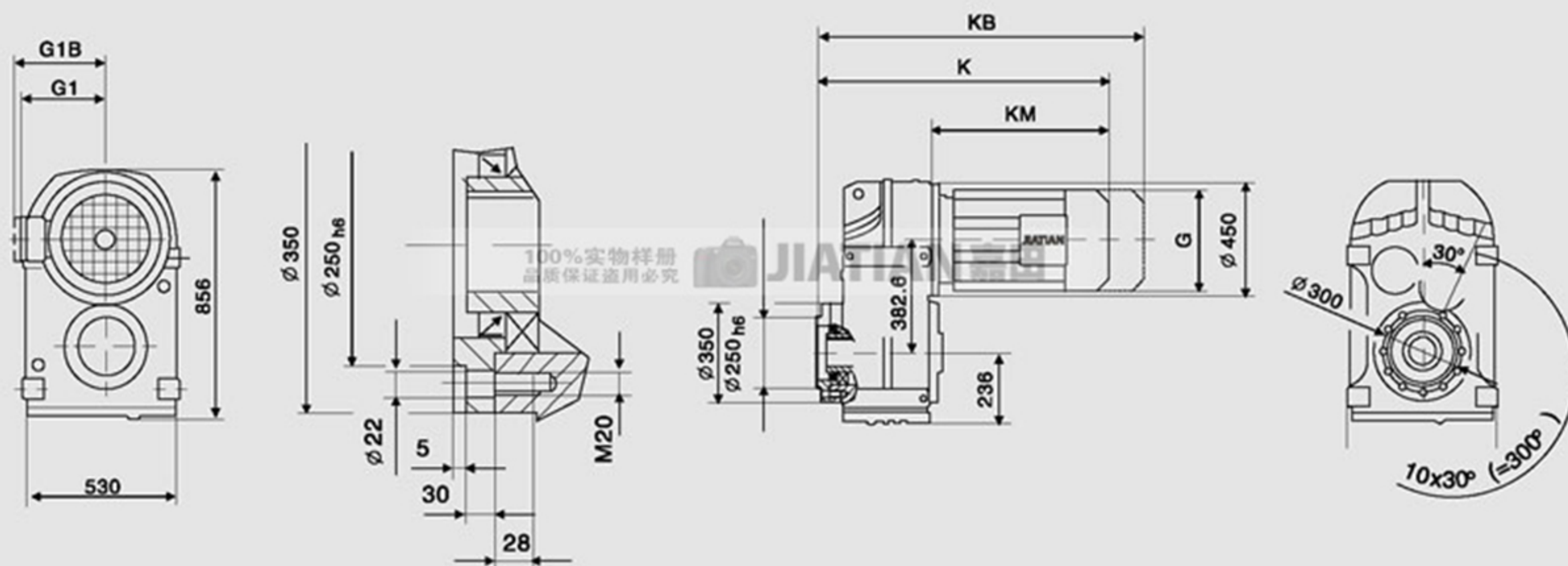


注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

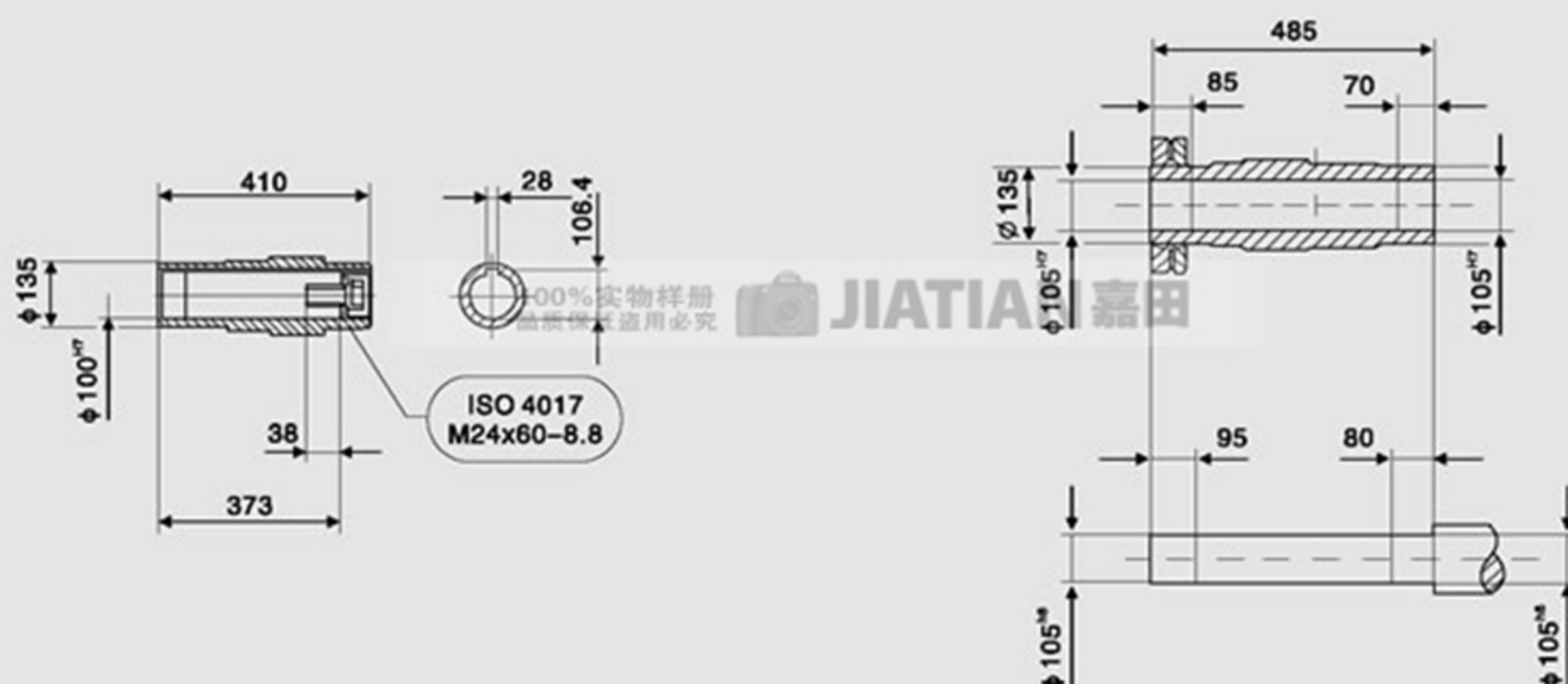


F系列减速机外形安装尺寸



FAZ127..

FHZ127..



注1: 图中KM、G1、G的尺寸见第330页。

注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。

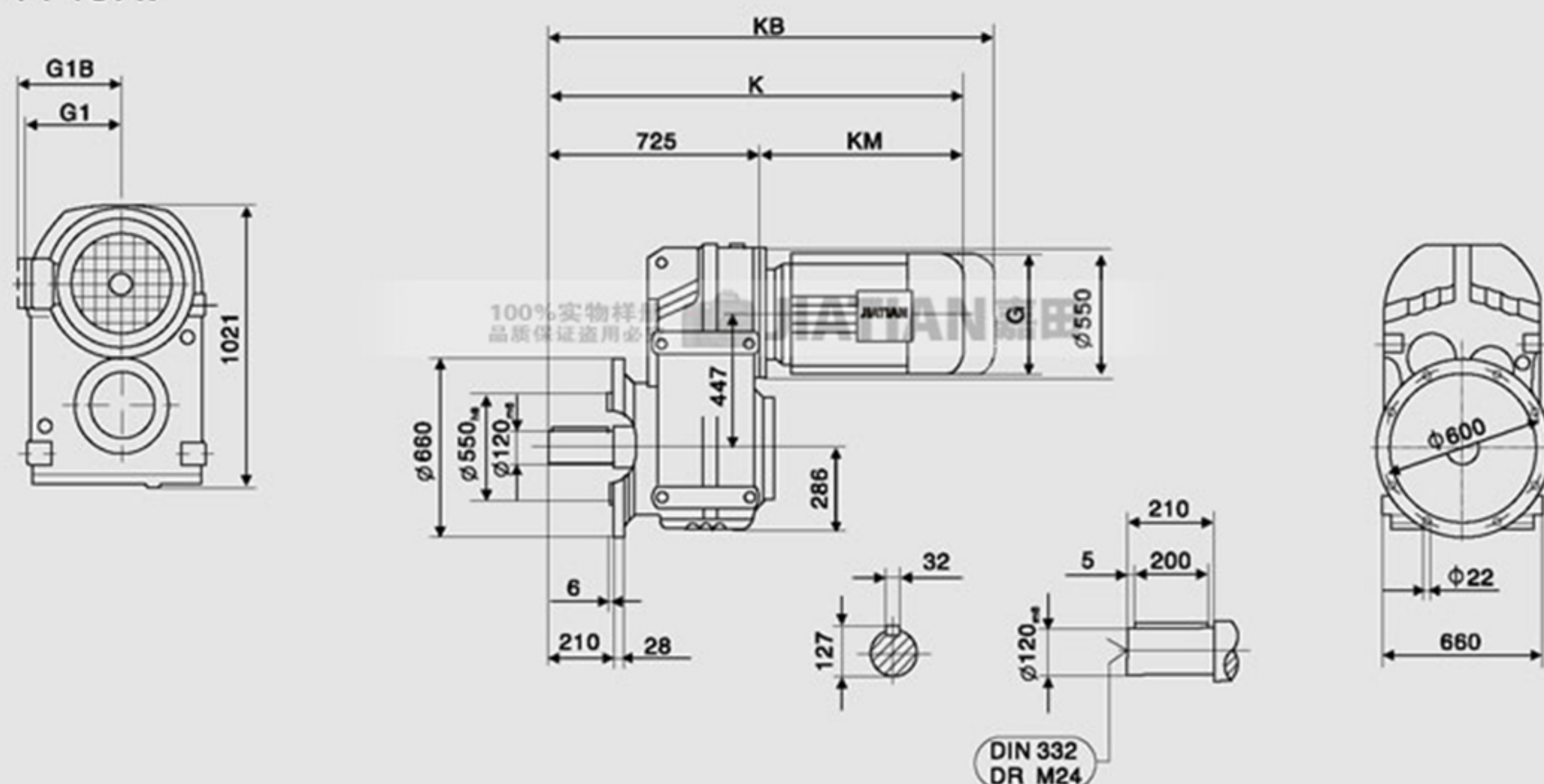




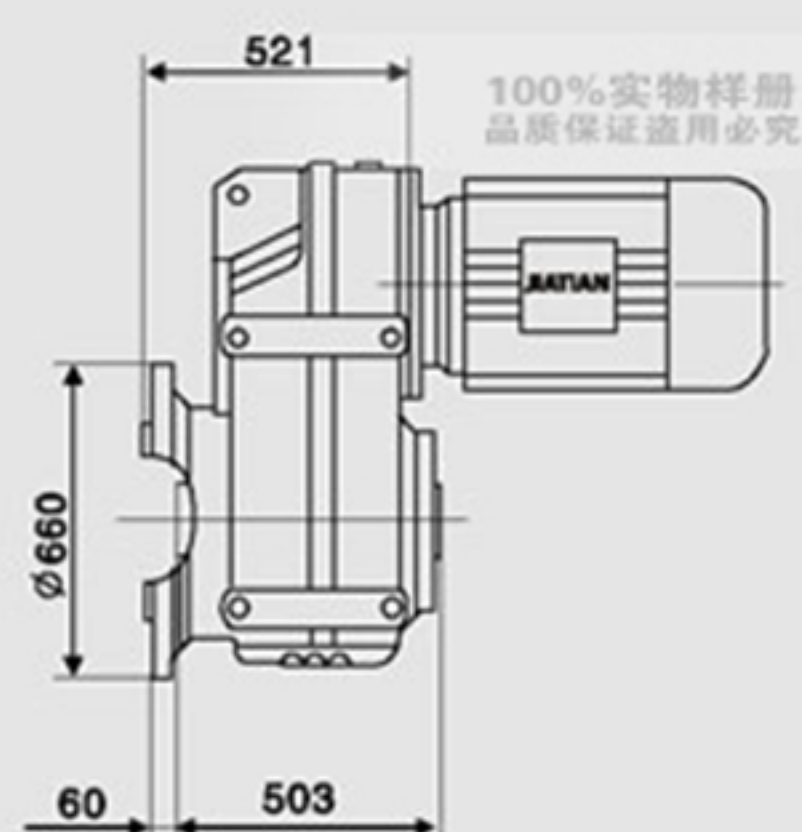


F系列减速机外形安装尺寸

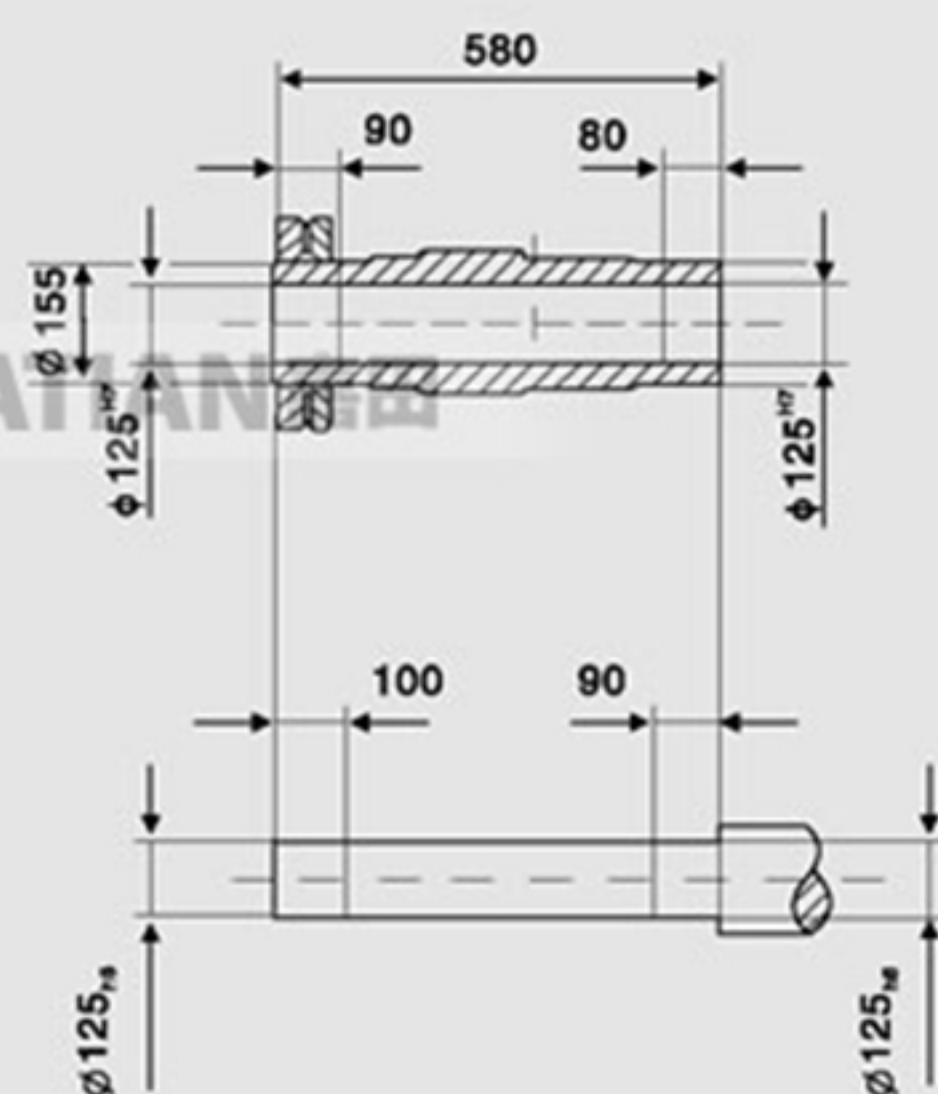
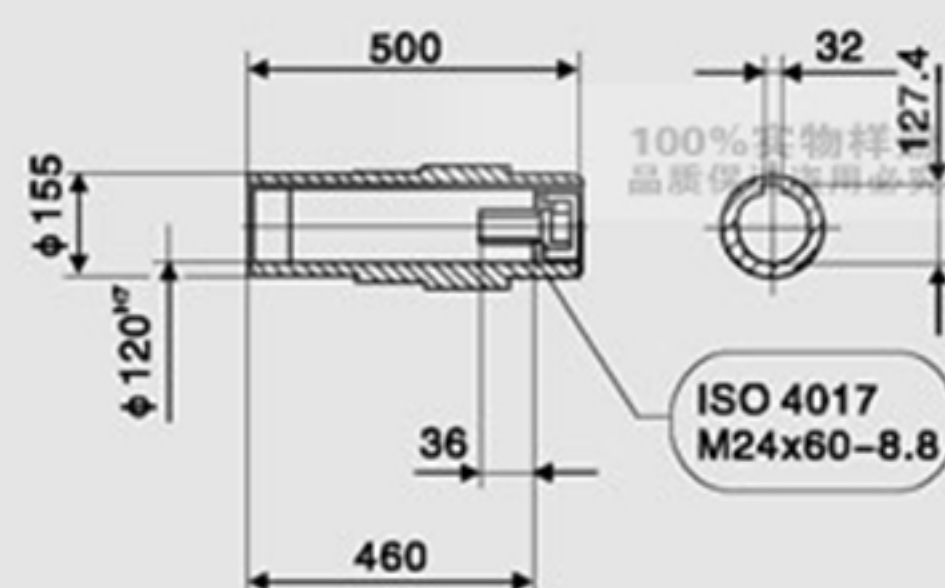
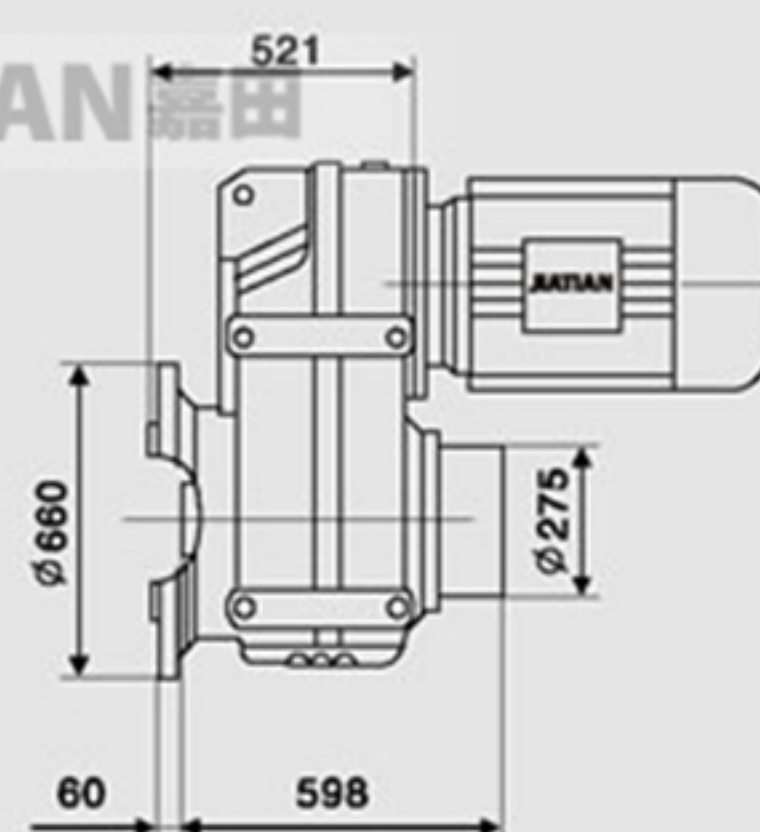
FF157..



FAF157..



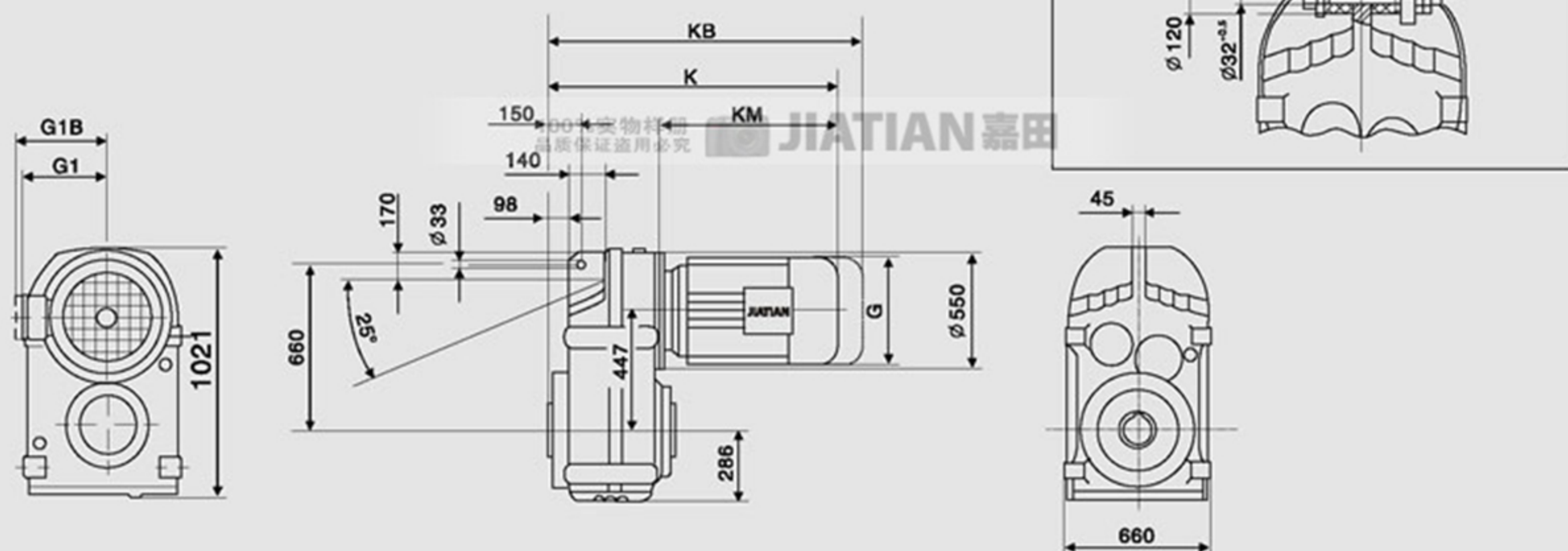
FHF157..



注1: 图中KM、G1、G的尺寸见第330页。

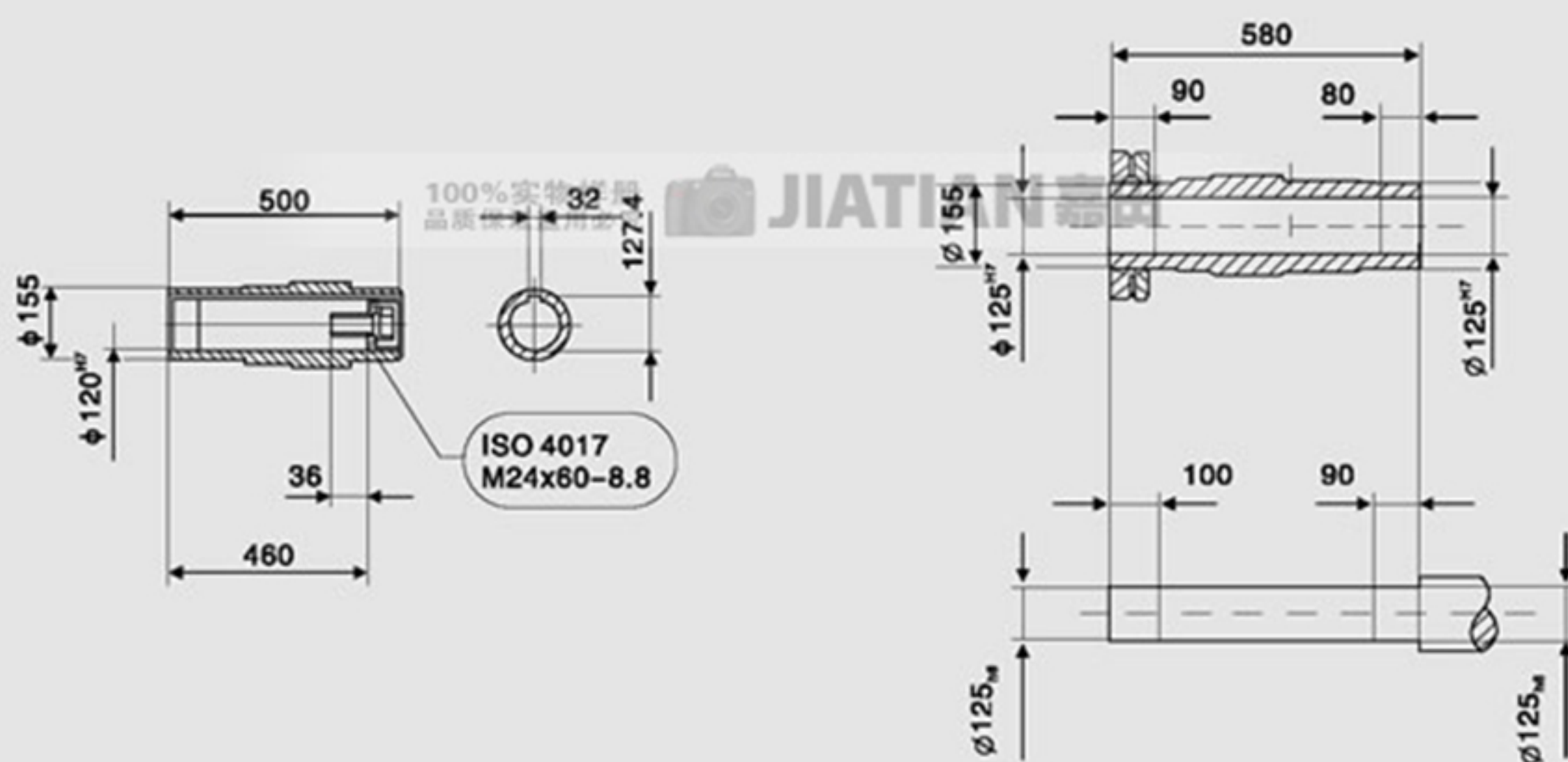
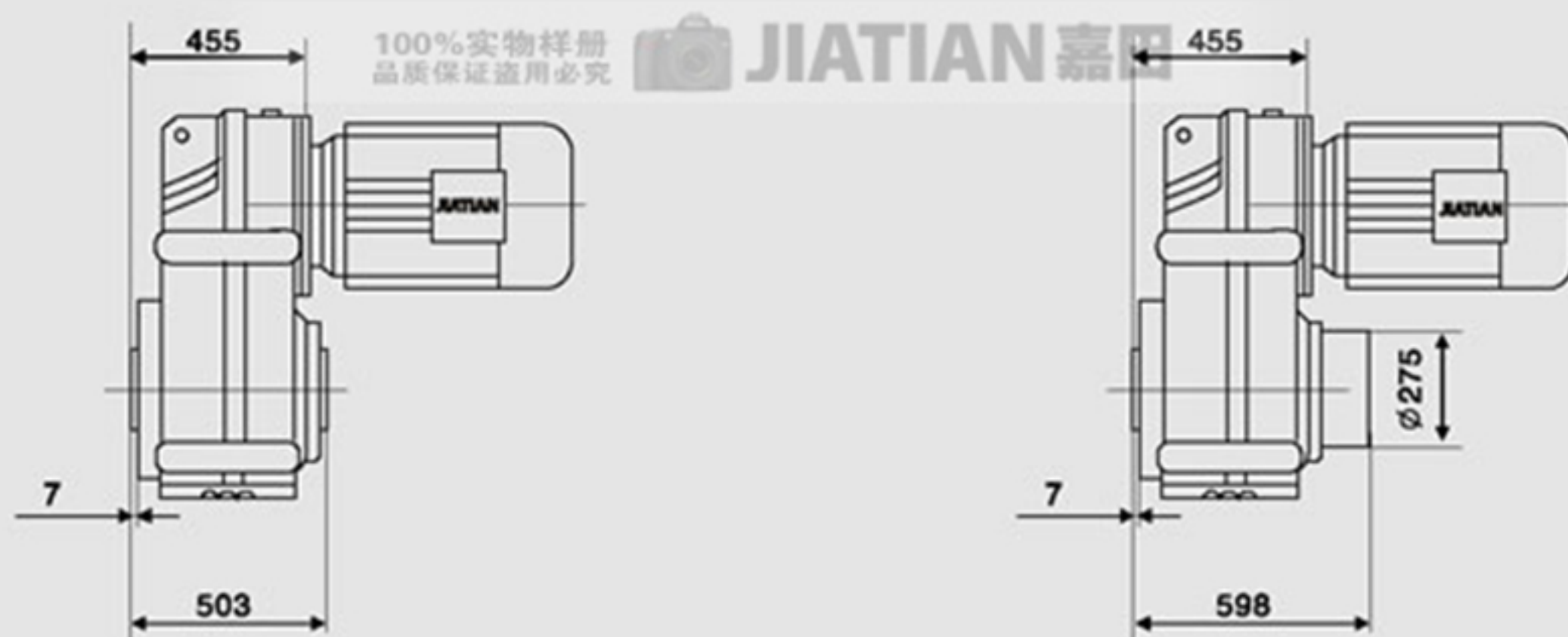
2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。





FA157..

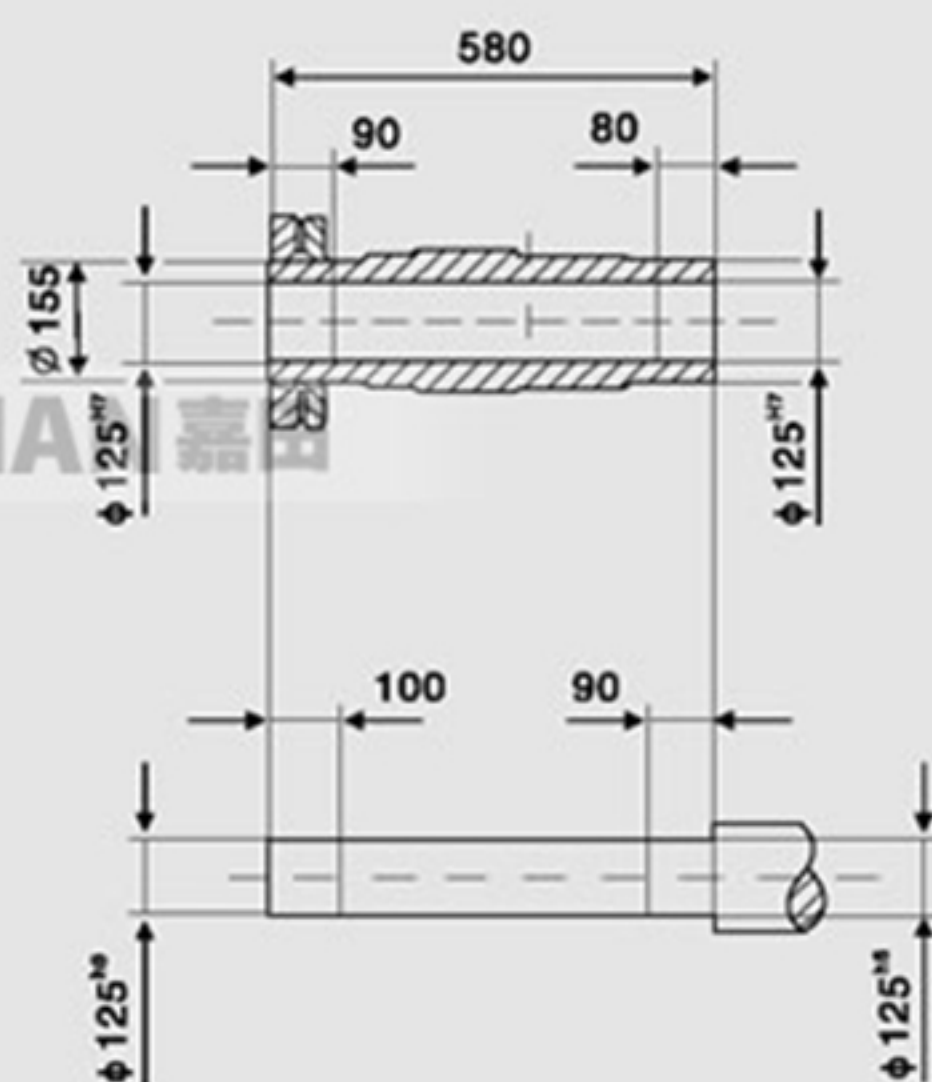
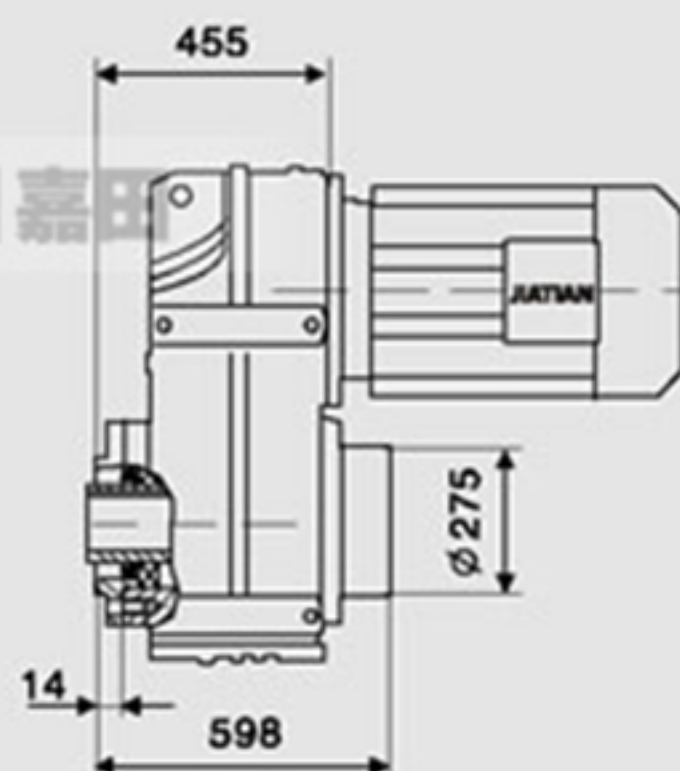
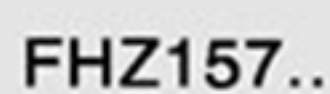
FH157..



注1: 图中KM、G1、G的尺寸见第330页。

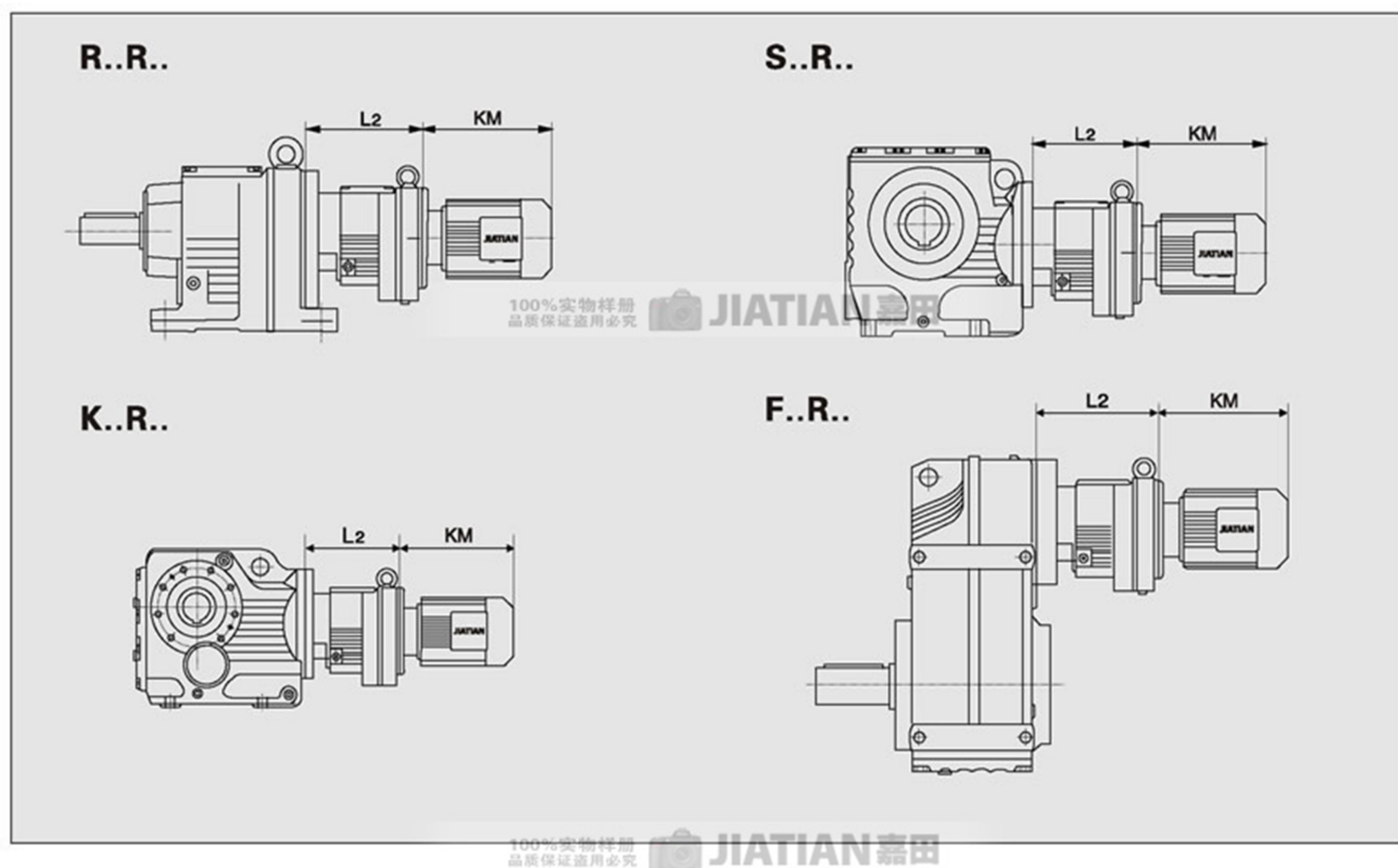
注2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。





2: 图中KB与G1B为防爆等特殊电机尺寸, 此处未列出, 如有需要, 请与我司联系。





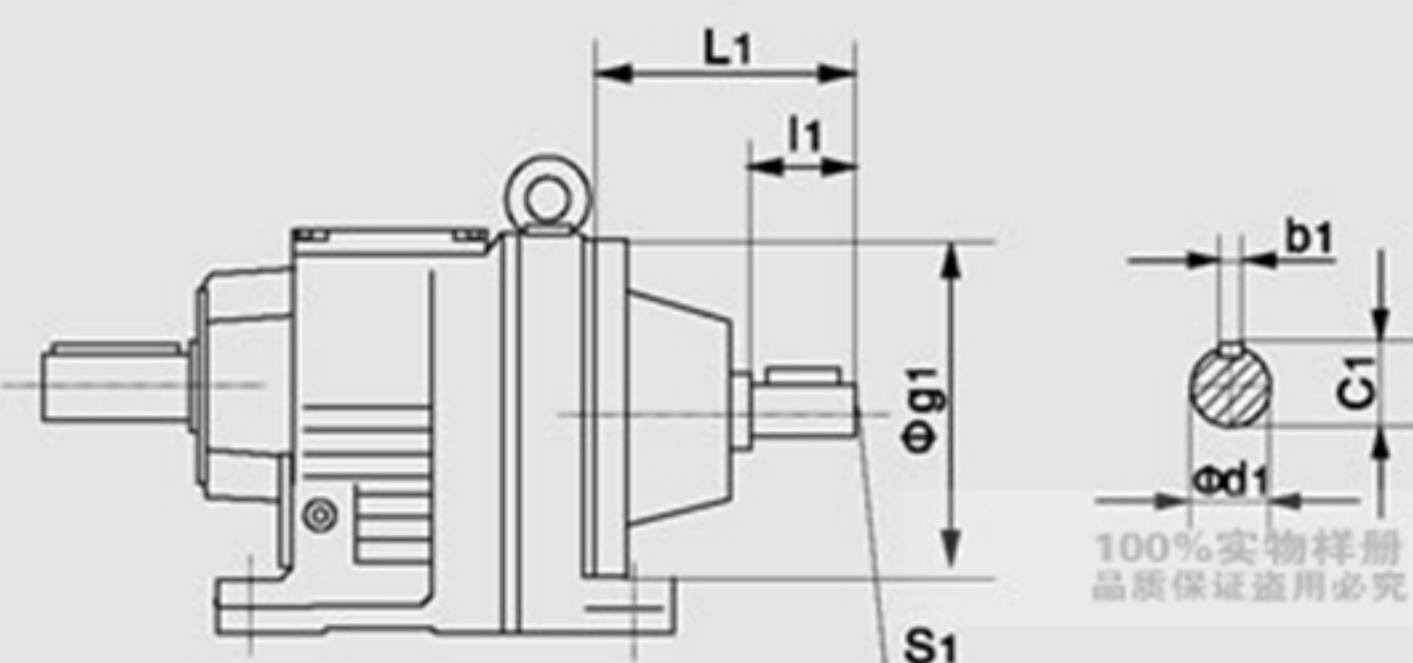
| 型号 Type       | L2  | KM          |
|---------------|-----|-------------|
| R/S/K/F..R17  | 175 | 请参照电机尺寸330页 |
| R/S/K/F..R37  | 157 |             |
| R/S/K/F..R57  | 187 |             |
| R/S/K/F..R77  | 220 |             |
| R/S/K/F..R87  | 272 |             |
| R/S/K/F..R97  | 320 |             |
| R/S/K/F..R107 | 355 |             |

100%实物样册 品质保证盗用必究

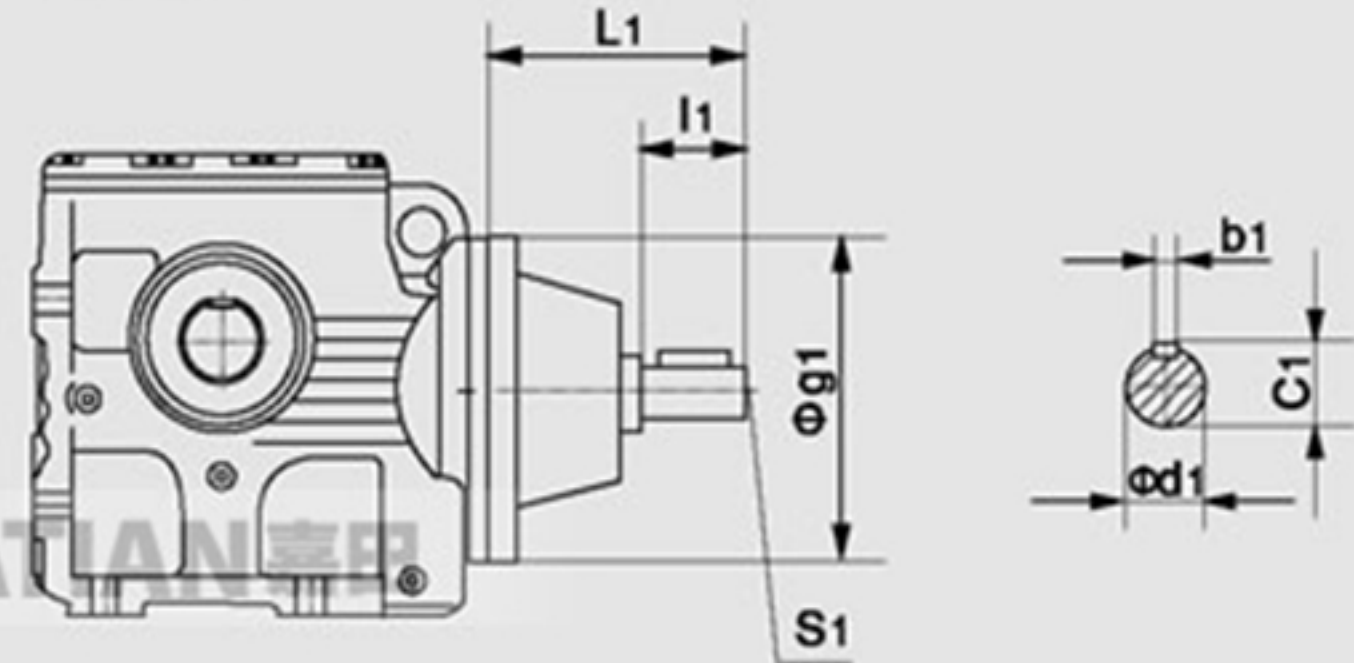


R、S、K、F系列轴输入型安装尺寸

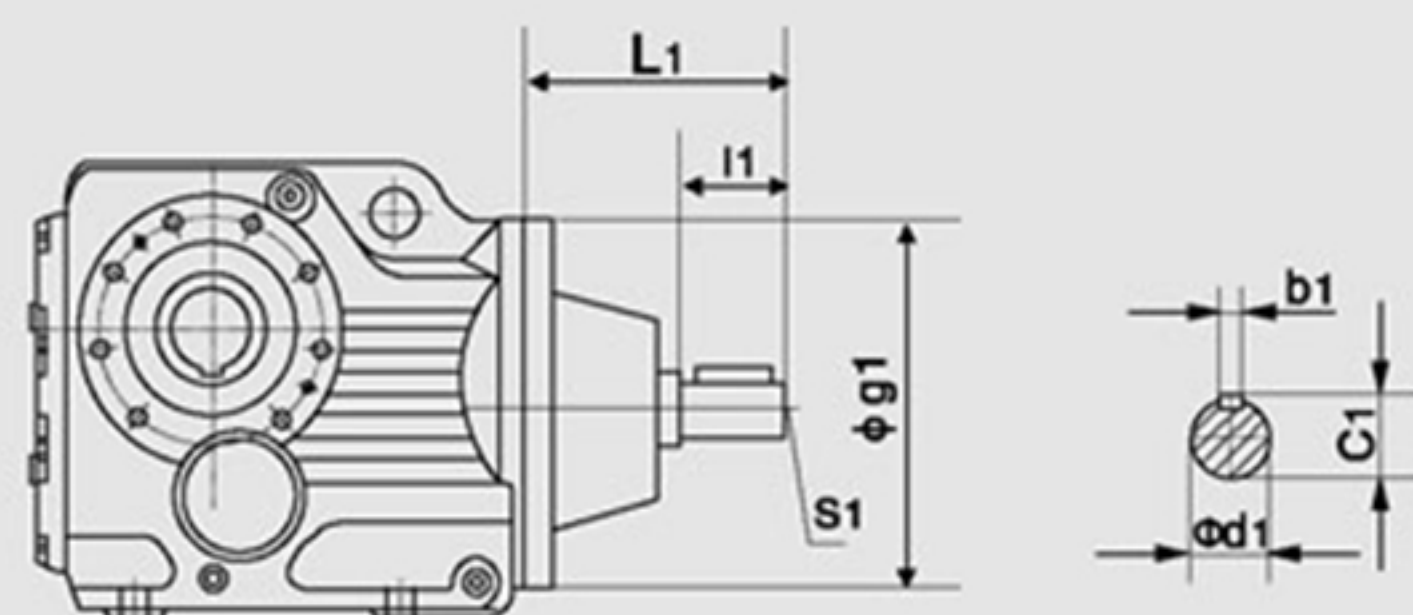
R..S..



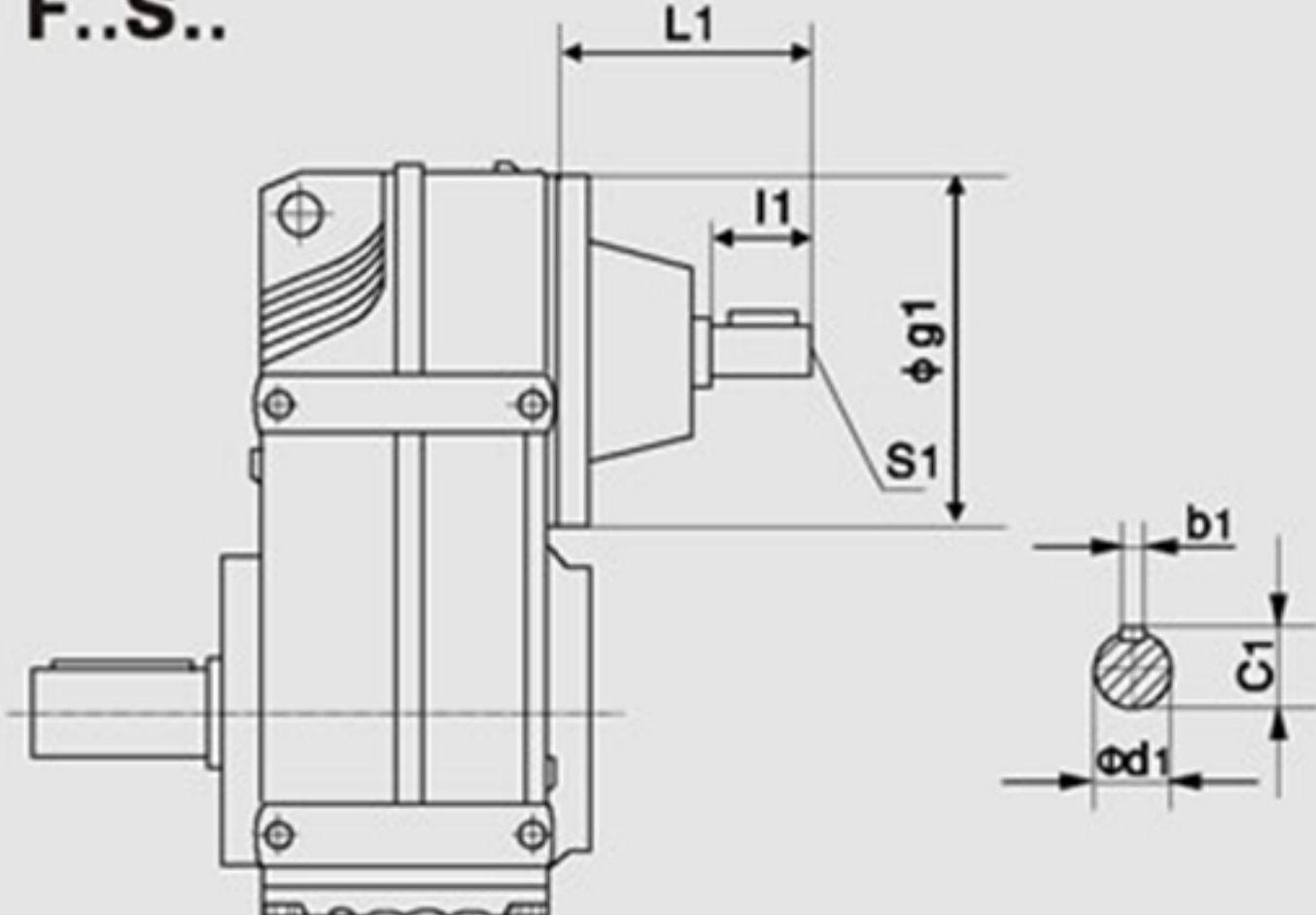
S..S..



K..S..



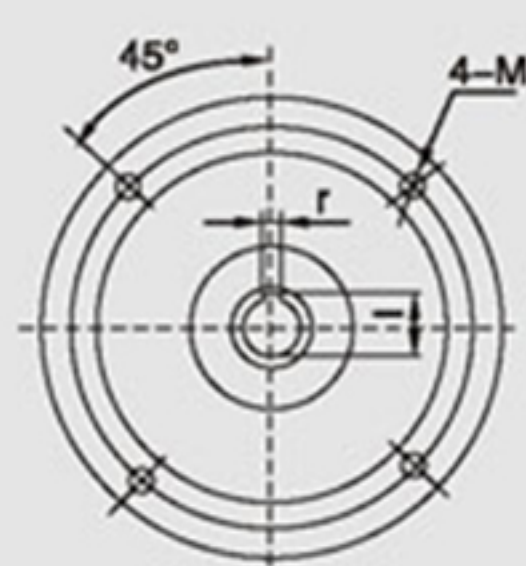
F..S..



| 系列         | 型号  | L1  | d1  | l1 | c1  | b1   | s1 | g1  |
|------------|-----|-----|-----|----|-----|------|----|-----|
| R / F      | 27  | AD1 | 102 | 16 | 40  | 18   | 5  | M5  |
|            |     | AD2 | 130 | 19 | 40  | 21.5 | 6  | M6  |
| R/S<br>K/F | 37  | AD1 | 102 | 16 | 40  | 18   | 5  | M5  |
|            |     | AD2 | 130 | 19 | 40  | 21.5 | 6  | M6  |
| S/F        | 47  | AD1 | 102 | 16 | 40  | 18   | 5  | M5  |
|            |     | AD2 | 130 | 19 | 40  | 21.5 | 6  | M6  |
| R/K        | 47  | AD2 | 123 | 19 | 40  | 21.5 | 6  | M6  |
|            |     | AD3 | 159 | 24 | 50  | 27   | 8  | M8  |
| S          | 57  | AD1 | 102 | 16 | 40  | 18   | 5  | M5  |
|            |     | AD2 | 130 | 19 | 40  | 21.5 | 6  | M6  |
| R/F<br>K   | 57  | AD2 | 123 | 19 | 40  | 21.5 | 6  | M6  |
|            |     | AD3 | 159 | 24 | 50  | 27   | 8  | M8  |
| R/S<br>K/F | 67  | AD2 | 123 | 19 | 40  | 21.5 | 6  | M6  |
|            |     | AD3 | 159 | 24 | 50  | 27   | 8  | M8  |
| R/S<br>K/F | 77  | AD2 | 116 | 19 | 40  | 21.5 | 6  | M6  |
|            |     | AD3 | 151 | 24 | 50  | 27   | 8  | M8  |
|            |     | AD4 | 224 | 38 | 80  | 41   | 10 | M12 |
| R/S<br>K/F | 87  | AD2 | 111 | 19 | 40  | 21.5 | 6  | M6  |
|            |     | AD3 | 156 | 28 | 60  | 31   | 8  | M10 |
|            |     | AD4 | 219 | 38 | 80  | 41   | 10 | M12 |
|            |     | AD5 | 292 | 42 | 110 | 45   | 12 | M16 |
| R/S<br>K/F | 97  | AD3 | 151 | 28 | 60  | 31   | 8  | M10 |
|            |     | AD4 | 214 | 38 | 80  | 41   | 10 | M12 |
|            |     | AD5 | 278 | 42 | 110 | 45   | 12 | M16 |
|            |     | AD6 | 327 | 48 | 110 | 51.5 | 14 | M16 |
| R<br>K/F   | 107 | AD3 | 145 | 28 | 60  | 31   | 8  | M10 |
|            |     | AD4 | 208 | 38 | 80  | 41   | 10 | M12 |
|            |     | AD5 | 218 | 42 | 110 | 45   | 12 | M16 |
|            |     | AD6 | 321 | 48 | 110 | 51.5 | 14 | M16 |

| 系列  | 型号  | L1  | d1  | l1 | c1  | b1   | s1 | g1  |
|-----|-----|-----|-----|----|-----|------|----|-----|
| K/F | 127 | AD4 | 193 | 38 | 80  | 41   | 10 | M12 |
|     |     | AD5 | 266 | 42 | 110 | 45   | 12 | M16 |
|     |     | AD6 | 306 | 48 | 110 | 51.5 | 14 | M16 |
|     |     | AD7 | 300 | 55 | 110 | 59   | 16 | M20 |
| R   | 137 | AD4 | 201 | 38 | 80  | 41   | 10 | M12 |
|     |     | AD5 | 274 | 42 | 110 | 45   | 12 | M16 |
|     |     | AD6 | 314 | 48 | 110 | 51.5 | 14 | M16 |
|     |     | AD7 | 308 | 55 | 110 | 59   | 16 | M20 |
| R   | 147 | AD4 | 193 | 38 | 80  | 41   | 10 | M12 |
|     |     | AD5 | 266 | 42 | 110 | 45   | 12 | M16 |
|     |     | AD6 | 306 | 48 | 110 | 51.5 | 14 | M16 |
|     |     | AD7 | 300 | 55 | 110 | 59   | 16 | M20 |
| K/F | 157 | AD4 | 193 | 38 | 80  | 41   | 10 | M12 |
|     |     | AD5 | 258 | 42 | 110 | 45   | 12 | M16 |
|     |     | AD6 | 298 | 48 | 110 | 51.5 | 14 | M16 |
|     |     | AD7 | 292 | 55 | 110 | 59   | 16 | M20 |
| R/K | 167 | AD4 | 193 | 38 | 80  | 41   | 10 | M12 |
|     |     | AD5 | 258 | 42 | 110 | 45   | 12 | M16 |
|     |     | AD6 | 298 | 48 | 110 | 51.5 | 14 | M16 |
|     |     | AD7 | 292 | 55 | 110 | 59   | 16 | M20 |
| K   | 187 | AD4 | 193 | 38 | 80  | 41   | 10 | M12 |
|     |     | AD5 | 258 | 42 | 110 | 45   | 12 | M16 |
|     |     | AD6 | 298 | 48 | 110 | 51.5 | 14 | M16 |
|     |     | AD7 | 292 | 55 | 110 | 59   | 16 | M20 |

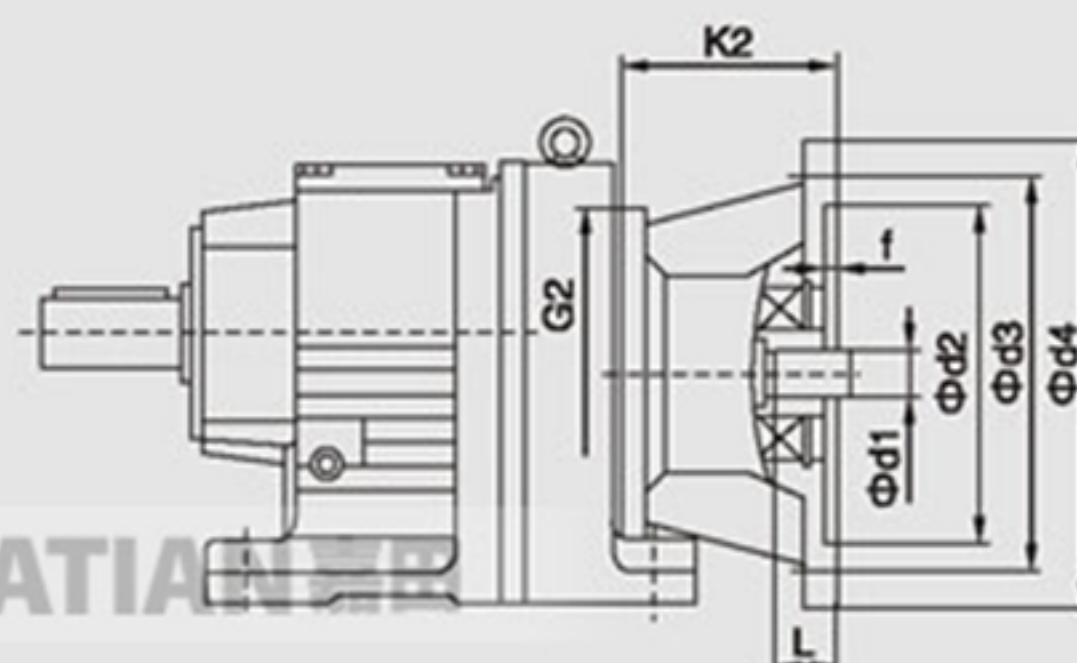




IEC63-200B5



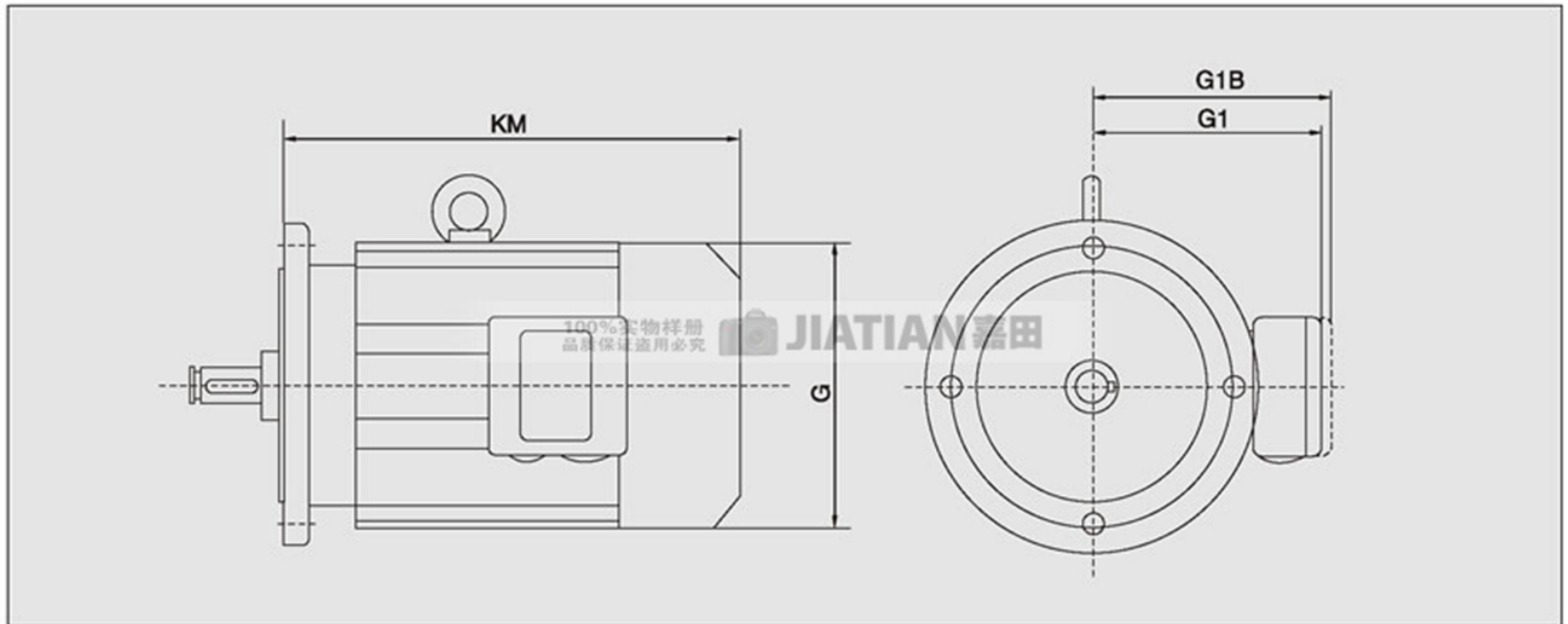
IEC225-280B5



| 减速机型号     | 法兰型号          | G2  | K2   | d1 | d2  | d3  | d4  | f  | r  | t    | L   | M  |
|-----------|---------------|-----|------|----|-----|-----|-----|----|----|------|-----|----|
| R27/37    | IEC63B5       | 120 | 65   | 11 | 95  | 115 | 140 | 5  | 4  | 12.8 | 23  | 10 |
| F27/37/47 | IEC71B5       |     | 65   | 14 | 110 | 130 | 160 | 5  | 5  | 16.3 | 30  | 10 |
| S37/47/57 | IEC80B5       |     | 65   | 19 | 130 | 165 | 200 | 5  | 6  | 21.8 | 40  | 12 |
| K37       | IEC90B5       |     | 65   | 24 | 130 | 165 | 200 | 5  | 8  | 27.3 | 50  | 12 |
| R47/57/57 | IEC63B5       | 160 | 65   | 11 | 95  | 115 | 140 | 5  | 4  | 12.8 | 23  | 10 |
| F57/67    | IEC71B5       |     | 65   | 14 | 110 | 130 | 160 | 5  | 5  | 16.3 | 30  | 10 |
| S67       | IEC80B5       |     | 96   | 19 | 130 | 165 | 200 | 5  | 6  | 21.8 | 40  | 12 |
| K47/57/67 | IEC90B5       |     | 96   | 24 | 130 | 165 | 200 | 5  | 8  | 27.3 | 50  | 12 |
|           | IEC100/112B5  |     | 79.5 | 28 | 180 | 215 | 250 | 5  | 8  | 31.3 | 60  | 15 |
| R77       | IEC63B5       | 200 | 65   | 11 | 95  | 115 | 140 | 5  | 4  | 12.8 | 23  | 10 |
| F77       | IEC71B5       |     | 65   | 14 | 110 | 130 | 160 | 5  | 5  | 16.3 | 30  | 10 |
| S77       | IEC80B5       |     | 91   | 19 | 130 | 165 | 200 | 5  | 6  | 21.8 | 40  | 12 |
| K77       | IEC90B5       |     | 121  | 24 | 130 | 165 | 200 | 5  | 8  | 27.3 | 50  | 12 |
|           | IEC100/112B5  |     | 121  | 28 | 180 | 215 | 250 | 5  | 8  | 31.3 | 60  | 15 |
|           | IEC132B5      |     | 121  | 38 | 230 | 265 | 300 | 5  | 10 | 41.3 | 80  | 15 |
| R87       | IEC80B5       | 250 | 84.5 | 19 | 130 | 165 | 200 | 5  | 6  | 21.8 | 40  | 12 |
| F87       | IEC90B5       |     | 84.5 | 24 | 130 | 165 | 200 | 5  | 8  | 27.3 | 50  | 12 |
| S87       | IEC100/112B5  |     | 84.5 | 28 | 180 | 215 | 250 | 5  | 8  | 31.3 | 60  | 15 |
| K87       | IEC132B5      |     | 96   | 38 | 230 | 265 | 300 | 5  | 10 | 41.3 | 80  | 15 |
|           | IEC160B5      |     | 96   | 42 | 250 | 300 | 350 | 7  | 12 | 45.3 | 110 | 19 |
|           | IEC180B5      |     | 96   | 48 | 250 | 300 | 350 | 7  | 14 | 51.8 | 110 | 19 |
| R97       | IEC100/112B5  | 300 | 84.5 | 28 | 180 | 215 | 250 | 5  | 8  | 31.3 | 60  | 15 |
| F97       | IEC132B5      |     | 96   | 38 | 230 | 265 | 300 | 5  | 10 | 41.3 | 80  | 15 |
| S97       | IEC160B5      |     | 125  | 42 | 250 | 300 | 350 | 7  | 12 | 45.3 | 110 | 19 |
| K97       | IEC180B5      |     | 125  | 48 | 250 | 300 | 350 | 7  | 14 | 51.8 | 110 | 19 |
|           | IEC200B5      |     | 155  | 55 | 300 | 350 | 400 | 8  | 16 | 59.3 | 110 | 19 |
|           | IEC225B5      |     | 145  | 60 | 350 | 400 | 450 | 8  | 18 | 64.4 | 140 | 19 |
| R107      | IEC100/8112B5 | 350 | 125  | 28 | 180 | 215 | 250 | 5  | 8  | 31.3 | 60  | 15 |
| F107      | IEC132B5      |     | 96   | 38 | 230 | 265 | 300 | 5  | 10 | 41.3 | 80  | 15 |
| S107      | IEC160B5      |     | 110  | 42 | 250 | 300 | 350 | 7  | 12 | 45.3 | 110 | 19 |
| K107      | IEC180B5      |     | 110  | 48 | 250 | 300 | 350 | 7  | 14 | 51.8 | 110 | 19 |
|           | IEC200B5      |     | 155  | 55 | 300 | 350 | 400 | 8  | 16 | 59.3 | 110 | 19 |
|           | IEC225B5      |     | 145  | 60 | 350 | 400 | 450 | 8  | 18 | 64.4 | 140 | 19 |
| R137      | IEC132B5      | 400 | 130  | 38 | 230 | 265 | 300 | 5  | 10 | 41.3 | 80  | 15 |
|           | IEC160B5      |     | 150  | 42 | 250 | 300 | 350 | 7  | 12 | 45.3 | 110 | 19 |
|           | IEC180B5      |     | 150  | 48 | 250 | 300 | 350 | 7  | 14 | 51.8 | 110 | 19 |
|           | IEC200B5      |     | 140  | 55 | 300 | 350 | 400 | 8  | 16 | 59.3 | 110 | 19 |
|           | IEC225B5      |     | 180  | 60 | 350 | 400 | 450 | 8  | 18 | 64.4 | 140 | 19 |
| R147      | IEC132B5      | 450 | 125  | 38 | 230 | 265 | 300 | 5  | 10 | 41.3 | 80  | 15 |
| F127      | IEC160B5      |     | 125  | 42 | 250 | 300 | 350 | 7  | 12 | 45.3 | 110 | 19 |
| S127      | IEC180B5      |     | 125  | 48 | 250 | 300 | 350 | 7  | 14 | 51.8 | 110 | 19 |
| K127      | IEC200B5      |     | 125  | 55 | 300 | 350 | 400 | 8  | 16 | 59.3 | 110 | 19 |
|           | IEC225B5      |     | 155  | 60 | 350 | 400 | 450 | 8  | 18 | 64.4 | 140 | 19 |
|           | IEC250B5      |     | 160  | 65 | 450 | 500 | 550 | 10 | 18 | 69.4 | 140 | 19 |
|           | IEC280B5      |     | 160  | 75 | 450 | 500 | 550 | 10 | 20 | 79.9 | 140 | 19 |
| R167      | IEC160B5      | 550 | 125  | 42 | 250 | 300 | 350 | 7  | 12 | 45.3 | 110 | 19 |
| F157      | IEC180B5      |     | 145  | 48 | 250 | 300 | 350 | 7  | 14 | 51.8 | 110 | 19 |
| S157/167  | IEC200B5      |     | 125  | 55 | 300 | 350 | 400 | 8  | 16 | 59.3 | 110 | 19 |
| K157/167  | IEC225B5      |     | 170  | 60 | 350 | 400 | 450 | 8  | 18 | 64.4 | 140 | 19 |
| /187      | IEC250B5      |     | 145  | 65 | 450 | 500 | 550 | 10 | 18 | 69.4 | 140 | 19 |
|           | IEC280B5      |     | 145  | 75 | 450 | 500 | 550 | 10 | 20 | 79.9 | 140 | 19 |



R、S、K、F系列直联专用电机外形安装尺寸



| 电机机座号 | 4级   | 6级   | 8级   | 安装尺寸 |     |     |
|-------|------|------|------|------|-----|-----|
|       |      |      |      | KM   | G   | G1  |
| 63    | 0.12 | —    | —    | 222  | 130 | 70  |
|       | 0.18 | —    | —    |      |     |     |
| 71    | 0.25 | 0.18 | —    | 242  | 145 | 80  |
|       | 0.37 | 0.25 | —    |      |     |     |
| 80    | 0.55 | 0.37 | 0.18 | 283  | 175 | 145 |
|       | 0.75 | 0.55 | 0.25 |      |     |     |
| 90S   | 1.1  | 0.75 | 0.37 | 297  | 195 | 155 |
| 90L   | 1.5  | 1.1  | 0.55 | 322  | 195 | 155 |
| 100   | 2.2  | 1.5  | 0.75 | 355  | 215 | 180 |
|       | 3    |      | 1.1  |      |     |     |
| 112M  | 4    | 2.2  | 1.5  | 371  | 240 | 190 |
| 132S  | 5.5  | 3    | 2.2  | 410  | 275 | 210 |
| 132M  | 7.5  | 4    | 3    | 450  | 275 | 210 |
|       |      | 5.5  |      |      |     |     |
| 160M  | 11   | 7.5  | 4    | 494  | 330 | 255 |
|       |      |      | 5.5  |      |     |     |
| 160L  | 15   | 11   | 7.5  | 550  | 330 | 255 |
| 180M  | 18.5 |      |      | 585  | 380 | 280 |
| 180L  | 22   | 15   | 11   | 625  | 380 | 280 |
| 200   | 30   | 18.5 | 15   | 660  | 420 | 305 |
|       |      | 22   |      |      |     |     |
| 225S  | 37   | —    | 18.5 | 680  | 470 | 335 |
| 225M  | 45   | 30   | 22   | 705  | 470 | 335 |
| 250   | 55   | 37   | 30   | 770  | 510 | 370 |
| 280S  | 75   | 45   | 37   | 835  | 580 | 410 |
| 280M  | 90   | 55   | 45   | 885  | 580 | 410 |
| 315S  | 110  | 75   | 55   | 1040 | 645 | 530 |
| 315M  | 132  | 90   | 75   | 1150 | 645 | 530 |
| 315L  | 160  | 110  | 90   | 1150 | 645 | 530 |
|       | 200  | 132  | 110  |      |     |     |

注：图中G1B为防爆等特殊电机接线盒尺寸，此处未列出，如有需要，请与我司联系。



| 系列                         | 环境温度 (ET) °C |     |     |      |            | ISO粘度与<br>NLGI相应 | 国标牌号<br>L-CK   |  |  |  |
|----------------------------|--------------|-----|-----|------|------------|------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                            | -50          | 0   | -50 | +100 |            |                  |                |                                                                                     |                                                                                     |                                                                                     |
| R<br>K<br>F<br>齿<br>轮<br>型 | -25          | -   | +80 |      | VG220      | N220             |                |                                                                                     | Mobil Gly goy le 30                                                                 | Shell Tivela 01 WB                                                                  |
|                            | 0            | +40 |     |      | VG220      | N220             | SPARTAN EP220  |                                                                                     | Mobil gear 630                                                                      | Shell Omala 01220                                                                   |
|                            | -15          | +25 |     |      | VG150VG100 | N150             | SPARTAN ER 150 |                                                                                     | Mobil gear 629                                                                      | Shell Omala 01 100                                                                  |
|                            | -30          | +10 |     |      | VG68-VG32  | N68              | ESSOATFD-21611 |                                                                                     | Mobil D.T.E15M                                                                      | Shell Tel Lus 01 T 32                                                               |
|                            | -20          |     | +60 |      | VG22VG15   | N22              | UNIVISJ 13     |                                                                                     | Mobil D.T.E.11M                                                                     | Shell Tel Lus 01680                                                                 |
|                            | -45 0        |     |     |      | VG680      | N680             |                |                                                                                     | Mobil Glygoyle HE 680                                                               |                                                                                     |
| S<br>蜗<br>轮<br>型           | 0            | +40 |     |      | VG680      | N680             | SPARTAN EP 680 |                                                                                     | Mobil gear636                                                                       | Shell Omala 01 680                                                                  |
|                            | -15          | +25 |     |      | VG220      | N220             | SPARTAN ET 220 |                                                                                     | Mobil gear 630                                                                      | Shell Omala 01 220                                                                  |
|                            | -20          | +10 |     |      | VG150VG100 | N150             | SPARTAN ET 150 |                                                                                     | Mobil D.T.E.18M                                                                     | Shell Omala 01 100                                                                  |
|                            | -25          | +10 |     |      | VG220      | N220             |                |                                                                                     | Mobil Gly goy le 30                                                                 |                                                                                     |
|                            | -45-20       |     |     |      | VG22VG15   | N22 N15          | UNIVISJ 13     |                                                                                     | Mobil D.T.E.11M                                                                     | Shell Tel Lus 01 T15                                                                |



R、S、K、F系列常见故障与原因及排除方法

| 故障内容                                               | 可能原因              | 排除的方法        |
|----------------------------------------------------|-------------------|--------------|
| 无负载状态下，<br>电机不转                                    | 停电                | 检查电源，询问电力公司  |
|                                                    | 连接线断裂             | 检查接线         |
|                                                    | 开关接触不良            | 修理或更换        |
|                                                    | 电机线圈断裂            | 请与售后服务部联系    |
|                                                    | 三相电机接单相电压         | 确认电压及接线方式    |
|                                                    | 单相电机未接电容器         | 连接电容器        |
|                                                    | 单相电机起动器动作不良       | 请与售后服务部联系    |
|                                                    | 齿轮、轴心及轴承损坏        | 请与售后服务部联系    |
| 负载时，电机不转                                           | 电压过低              | 检查电源线是否过长或过细 |
|                                                    | 齿轮损坏              | 请与售后服务部联系    |
|                                                    | 超负载动转             | 减少负载         |
| 异常发热                                               | 超负载动转             | 减少负载         |
|                                                    | 起动、停止过多           | 减少使用频率       |
|                                                    | 轴承磨损              | 请与售后服务部联系    |
|                                                    | 电压过高或过低           | 确认电压是否正常     |
| 噪声太大                                               | 声音大且持续：轴承损坏，齿轮磨损  | 请与售后服务部联系    |
|                                                    | 偶尔声音大：齿轮损伤，有异物卡住  |              |
| 振动太大                                               | 齿轮、轴承磨损           | 请与售后服务部联系    |
|                                                    | 固定不良，螺丝松动         | 重新锁紧         |
| 异常的不稳定的动转噪声                                        | 油已污染或油量不足         | 检查油颜色、浓度、油位  |
| 漏油：-在电机法兰处，<br>-在电机油封处，<br>-在减速机法兰处，<br>-在输出部分的油封处 | 螺丝松动              | 重新锁紧         |
|                                                    | 密封圈损坏             | 请与售后服务部联系    |
|                                                    |                   |              |
| 通气塞处漏油                                             | 油量太多              | 校正油量         |
|                                                    | 通气塞安装不正确          | 正确安装通气塞      |
|                                                    | 频繁冷起动（油产生泡沫）或油位太高 | 将通气塞换成排气阀    |
| 电机转动时输出轴不转                                         | 减速机轴键连接破坏         | 请与售后服务部联系    |



### 订货须知 ordering instruction

- 1、本样本所提供的数据仅供用户参考，具体数据如有变动，恕不另行通知；
- 2、订货时请注明所需减速机的型号、速比、功率、安装形式及数量等；
- 3、请提供您的姓名、公司名称、联系电话、传真、收货地址及开票资料等信息；
- 4、如需要技术支持、特殊规格型号及特殊的使用要求等，请与我司联系；

公司地址：上海市闵行经济技术开发区

Address: Shanghai minhang economic and technological development zone

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售后电话: 021-61555955

行政邮编P.C.: 201100

邮箱E-mail: boot@jtjsj.com

网址URL: <http://www.jtjsj.com>

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