



PLANETARY REDUCER AD系列行星减速机

体积小、噪音低、效率高、结构紧凑、可靠性高、噪音低。

上海嘉田传动机械有限公司

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官网:<http://www.jtjsj.com/>

型号说明 / MODEL ILLUMINATE

AD064

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10

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P2

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马达

减速机型号：
AD047、AD064
AB090、AB110
AB140、AB220
AB255

减速比：
单段：4、5、7、10
双段：16、20、25、35、40、50、70、100

马达型号：
马达制造商及型号
马达安装尺寸

背隙：
超精密背隙：P0
精密背隙：P1
标准背隙：P2

订货型号选定：AD064-10-S2-P2/松下MSME-042GIU
或：AD064-10-S2-P2/Φ14*30/Φ50*3/4-Φ4.5-Φ70

ADR064

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10

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P2

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马达

减速机型号：
ADR047、ADR064
ADR090、ADR110
ADR140、ADR200
ADR255

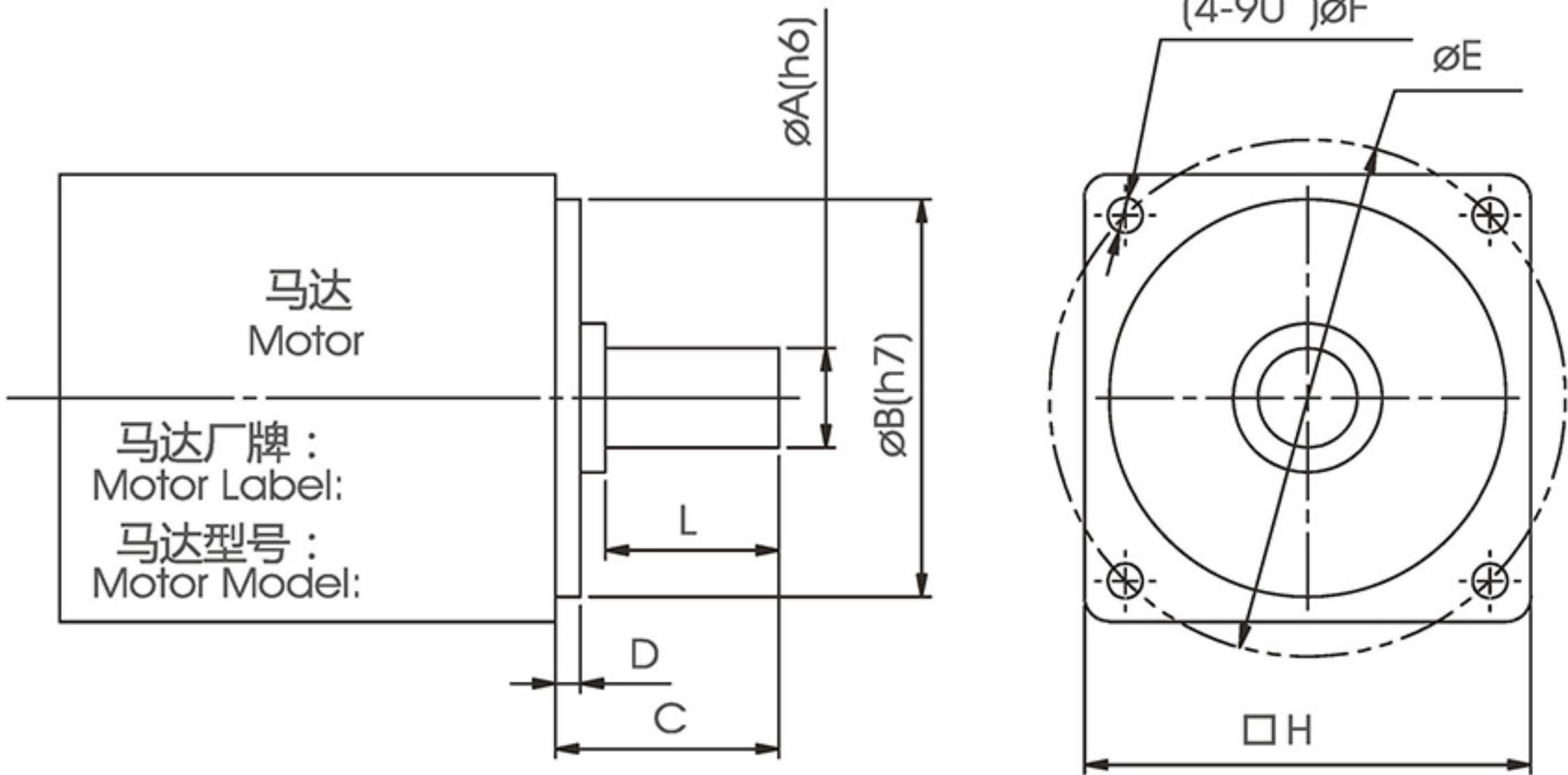
减速比：
单段：4、5、7、8、10、14、20
双段：16、20、25、35、40、50、70、100

马达型号：
马达制造商及型号
马达安装尺寸

背隙：
超精密背隙：P0
精密背隙：P1
标准背隙：P2

订货型号选定：ADR064-10-S2-P2/松下MSME-042GIU
或：ADR064-10-S2-P2/Φ14*30/Φ50*3/4-Φ4.5-Φ70

FILL IN DATA OF MOTOR 客户填写资料



减速机性能资料 / GEAR BOX PERFORMANCE INFORMATION

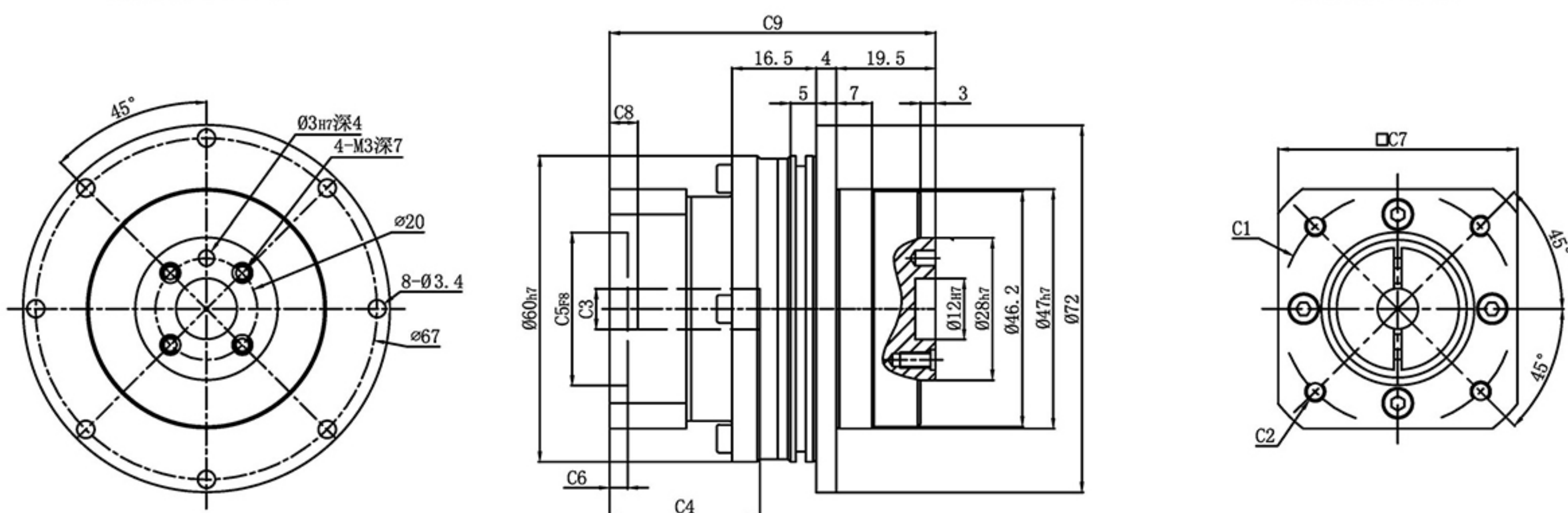
规格Specifications	单位unit	节数Stage	减速比Ratio	AD047	AD064	AD090	AD110	AD140	AD200	AD255
额定输出力矩T2N Nominal Output Torque	N.m	1	4	21	50	142	285	582	1145	1650
			5	25	66	176	335	600	1220	1700
			7	21	54	145	310	540	1120	1500
			10	16	45	122	250	500	920	1250
		2	16	21	50	142	285	582	1060	1600
			20	21	50	142	285	582	1120	1700
			25	25	66	176	335	600	1220	2000
			35	25	66	176	335	600	1220	2000
			40	21	50	142	285	582	1145	1700
			50	25	66	176	335	600	1220	2000
			70	21	54	145	310	540	1120	1800
			100	16	45	122	250	500	920	1250
急停力矩T2NOT Emergency Stop Torque	N.m	1、2	4 ~ 100		3倍额定输出力矩 (3.0 times of Nominal Output Torque)					
额定输入转速n1 Nominal Input Speed	rpm	1、2	4 ~ 100	5000	5000	5000	4000	3000	3000	2000
最大输入转速n1max Max.Input Speed	rpm	1、2	4 ~ 100	10000	10000	10000	8000	6000	6000	4000
超精密背隙P0 Ultraprecise Backlash	arcmin	1	4 ~ 10	≤2	≤2	≤2	≤1	≤1	≤1	≤1
		2	16 ~ 100	≤4	≤4	≤4	≤3	≤3	≤3	≤3
精密背隙P1 Precise Backlash	arcmin	1	4 ~ 10	≤4	≤4	≤4	≤3	≤3	≤3	≤3
		2	16 ~ 100	≤6	≤6	≤6	≤5	≤5	≤5	≤5
标准背隙P2 Standard Backlash	arcmin	1	4 ~ 10	≤6	≤6	≤6	≤5	≤5	≤5	≤5
		2	16 ~ 100	≤8	≤8	≤8	≤7	≤7	≤7	≤7
扭转刚性 Torsional Rigidity	N.m /arcmin	1、2	4 ~ 100	6	11	30	84	150	435	1006
最大弯曲力矩M2kB Max.Radial Load	N	1、2	4 ~ 100	40	120	241	417	1320	3200	5900
容许轴向力F2aB Max.Axial Load	N	1、2	4 ~ 100	960	1800	2000	4550	6110	8300	10600
使用温度 Operating Temp	° C	1、2	4 ~ 100	-10° C ~ +90° C						
使用寿命 Service Life	hr	1、2	4 ~ 100	20000 (10000/连续运转)						
效率η Efficiency	%	1	4 ~ 10	≥97%						
		2	16 ~ 100	≥94%						
重量 Weight	kg	1	4 ~ 10	0.8	1.2	3.3	7.5	14.6	32.4	
		2	16 ~ 100	1.1	1.8	4.5	9.2	18.7	37.5	
安装方向 mounting Position		1、2	3 ~ 100	任意方向 Any direction						
噪音值 Noise Level	dBA/1m	1、2	3 ~ 100	60	60	63	65	68	70	73
防护等级 Protection Class		1、2	3 ~ 100	Ip65						
润滑 Lubrication		1、2	3 ~ 100	全合成润滑脂油 Synthetic Lubricant						

减速机转动惯量

规格Specifications	单位unit	节数Stage	减速比Ratio	AD047	AD064	AD090	AD110	AD140	AD200	AD255
转动惯量J1 Inertia	kg.cm2	1	4	0.04	0.18	0.67	1.66	7.17	24.92	58.30
			5	0.04	0.17	0.65	1.50	6.52	23.42	53.30
			7	0.04	0.14	0.60	1.45	6.17	22.64	51.02
			9	0.04	0.14	0.58	1.41	6.10	22.64	50.96
			10	0.04	0.14	0.58	1.41	6.10	22.72	50.55
		2	16	0.04	0.18	0.18	0.65	2.80	7.56	23.22
			20	0.04	0.17	0.17	0.65	2.80	7.56	23.22
			25	0.04	0.17	0.17	0.65	2.80	7.56	23.22
			35	0.04	0.14	0.14	0.60	2.59	7.56	23.22
			40	0.04	0.14	0.14	0.60	2.59	7.06	22.51
			50	0.04	0.14	0.14	0.58	2.54	7.06	22.51
			70	0.04	0.14	0.14	0.58	2.54	7.06	22.51
			90	0.04	0.14	0.14	0.58	2.54	7.06	22.51
			100	0.04	0.14	0.14	0.58	2.54	7.06	22.51

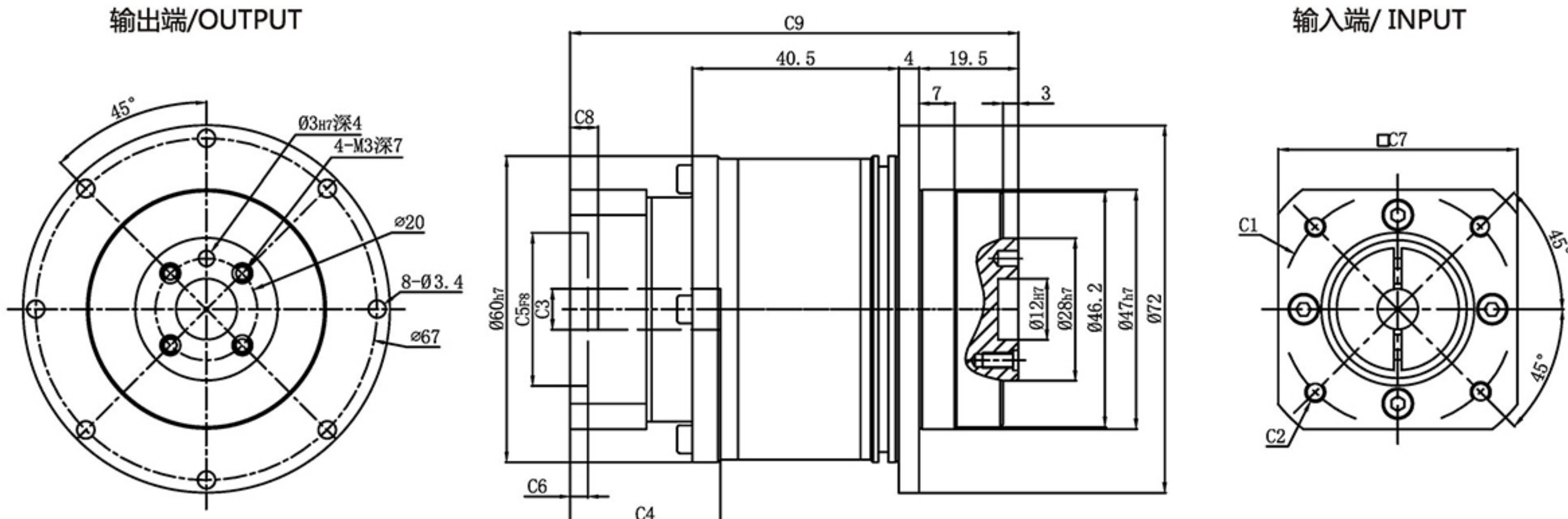
AD047-L1

输入端/ INPUT



AD047-L2

输出端/OUTPUT

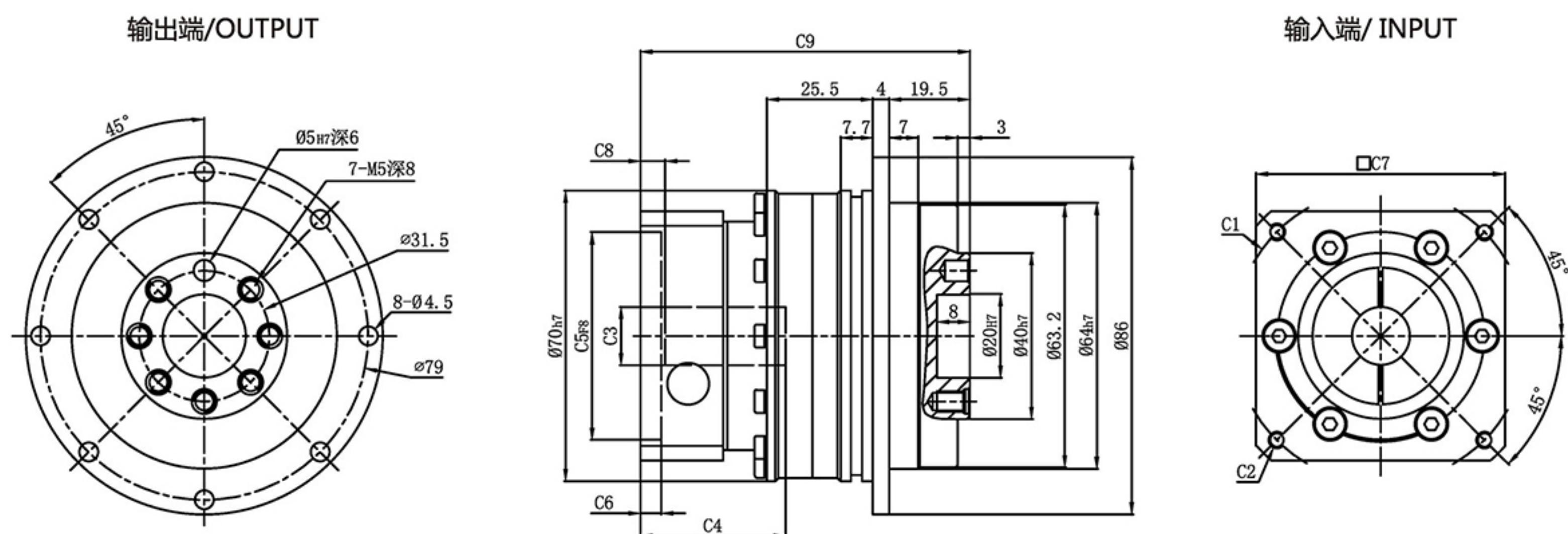


尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9
AD047-L1	φ 45	4-M3x8	≤ φ 8	27	φ 30	3.5	43	4.5	64
	φ 46	4-M4x10	≤ φ 8	27	φ 30	3.5	43	4.5	64
AD047-L2	φ 45	4-M3x8	≤ φ 8	27	φ 30	3.5	43	4.5	88
	φ 46	4-M4x10	≤ φ 8	27	φ 30	3.5	43	4.5	88

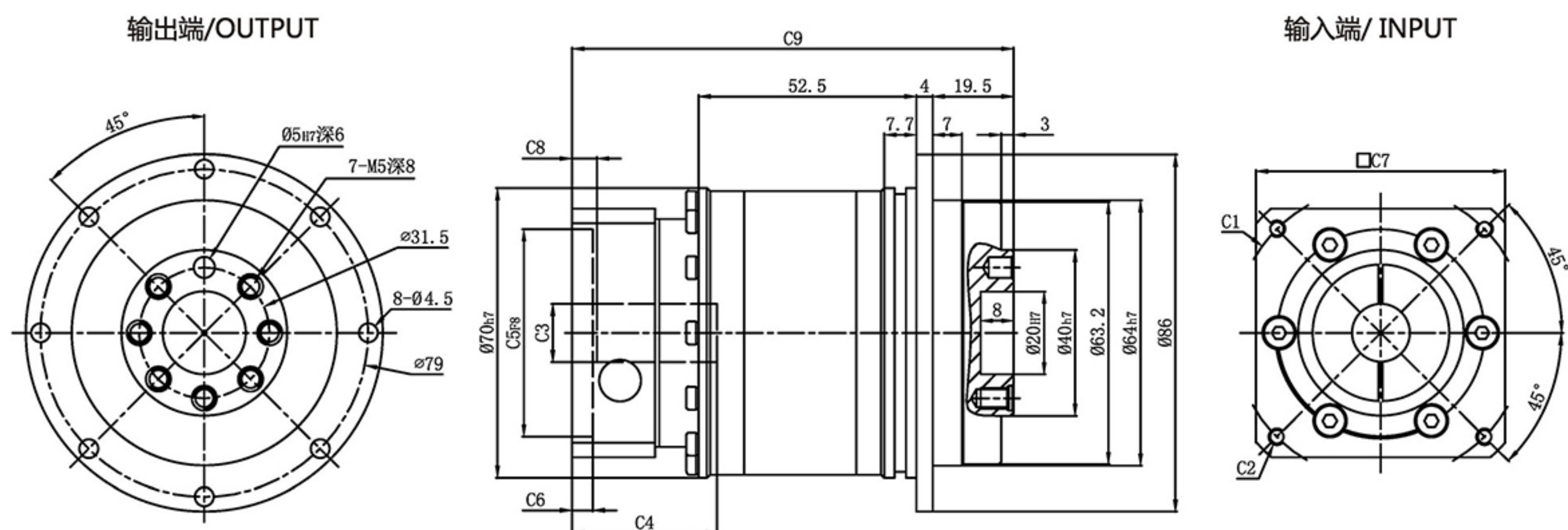
* C1~C9 are motor (metric standard) specific dimensions, which could be customised.

外形尺寸图表 / OUTLINE DIMENSION SHEET

AD064-L1



AD064-L2



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9
AD064-L1	φ 46	4-M4x10	≤ φ 8	35	φ 30	5	60	5.5	79.5
	φ 66.7	4-M4x10	≤ φ 8	35	φ 38.1	5	60	5.5	79.5
	φ 70	4-M4x10, 4-M5x10	≤ φ 14	35	φ 50	5	60	5.5	79.5
	φ 75	4-M4x10, 4-M5x10	≤ φ 14	35	φ 60	5	66	5.5	79.5
AD064-L2	φ 46	4-M4x10	≤ φ 8	35	φ 30	5	60	5.5	106.5
	φ 66.7	4-M4x10	≤ φ 8	35	φ 38.1	5	60	5.5	106.5
	φ 70	4-M4x10, 4-M5x10	≤ φ 14	35	φ 50	5	60	5.5	106.5
	φ 75	4-M4x10, 4-M5x10	≤ φ 14	35	φ 60	5	66	5.5	106.5

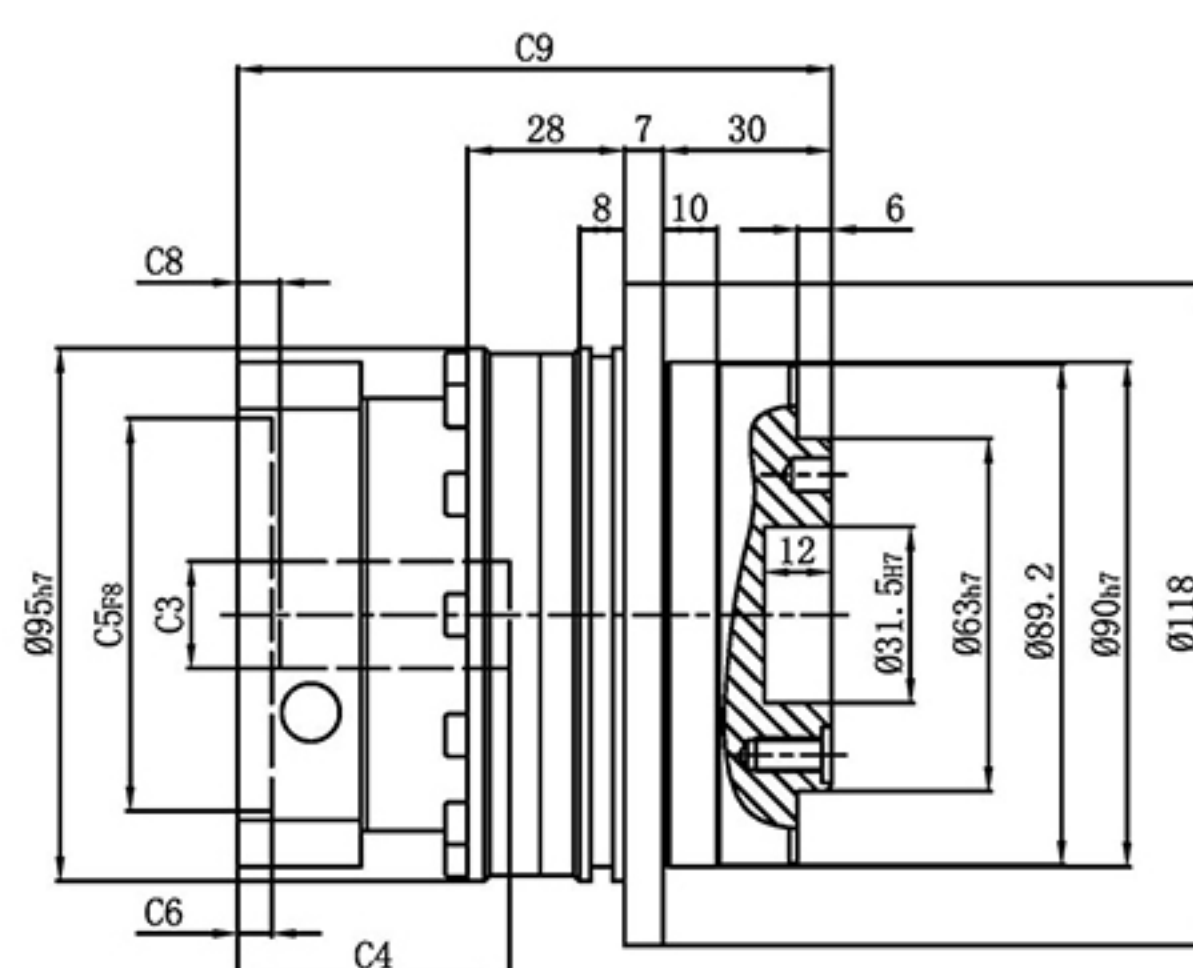
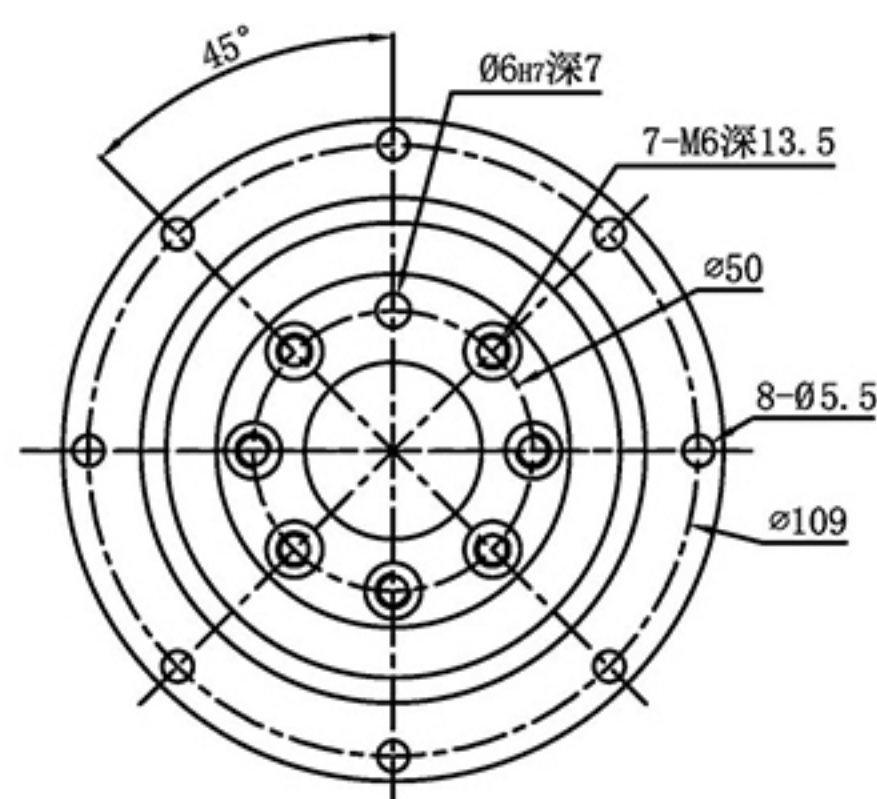
* C1~C9 是公制标准马达连接板之尺寸,可根据客户要求单独定做。

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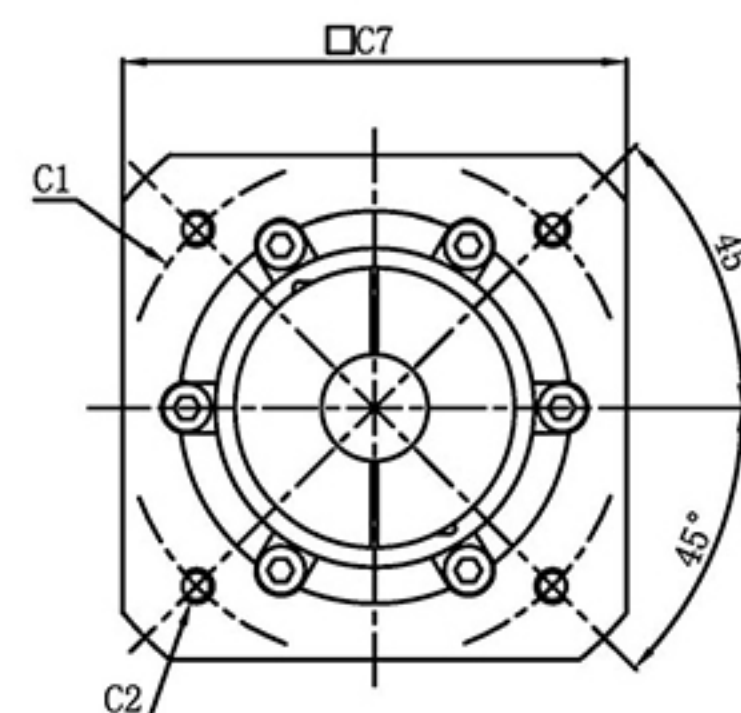
外形尺寸图表 / OUTLINE DIMENSION SHEET

AD090-L1

输出端/OUTPUT

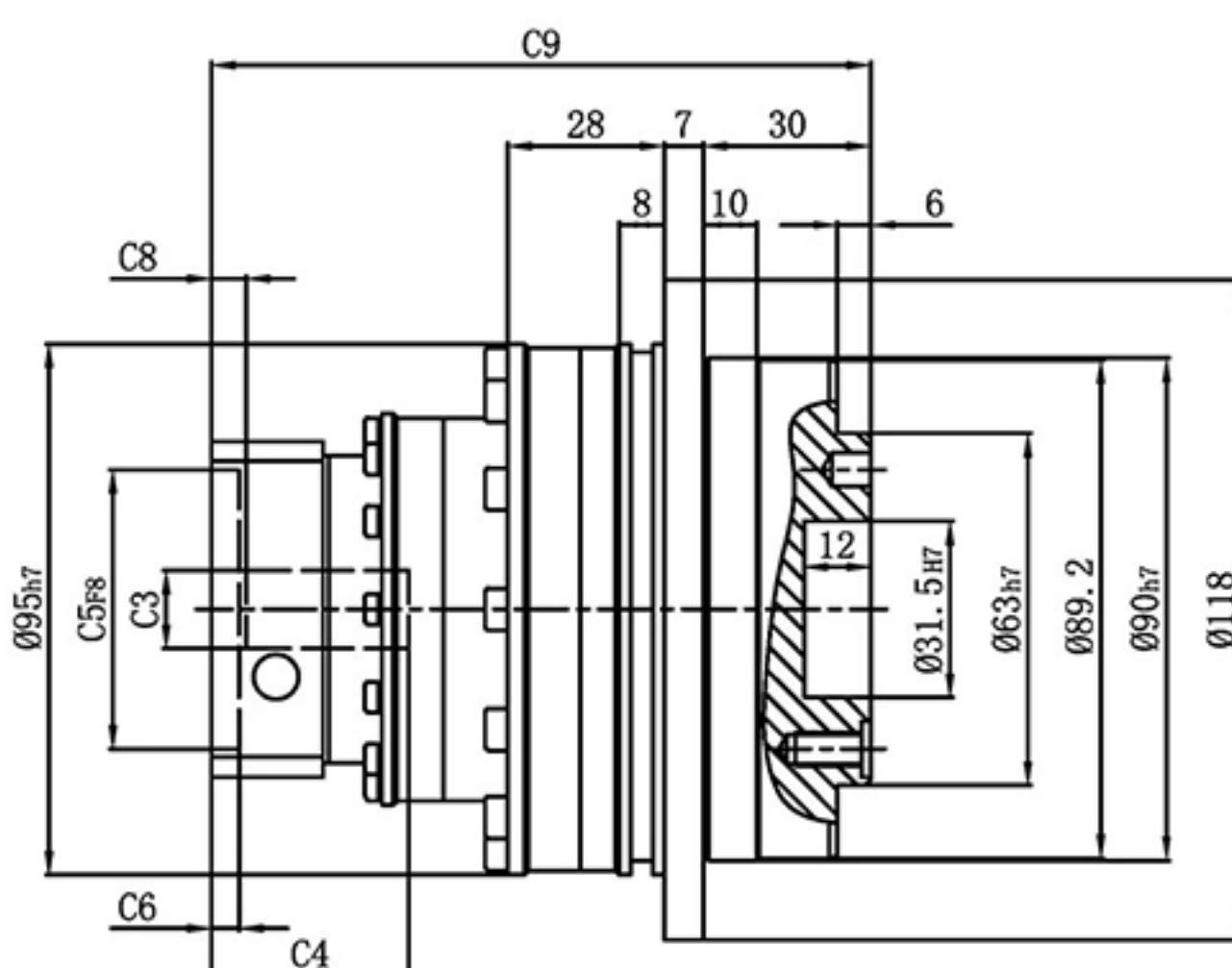
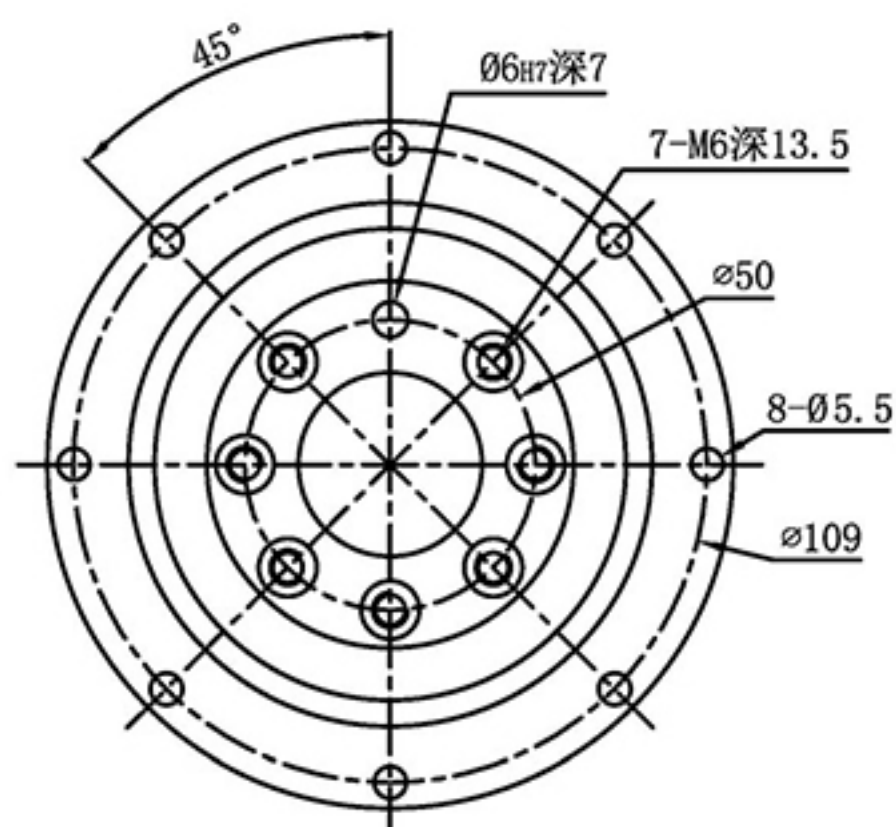


输入端/INPUT

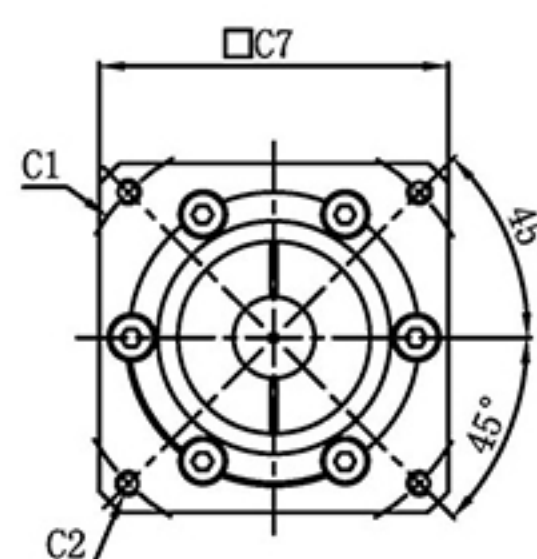


AD090-L2

输出端/OUTPUT



输入端/INPUT



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9
AD090-L1	φ 90	4-M5x15, 4-M6x15	≤ φ 24	47	φ 70	6	90	7	106
	φ 98.4	4-M5x15, 4-M6x15	≤ φ 14	47	φ 73	6	90	7	106
	φ 100	4-M6x15	≤ φ 24	47	φ 80	6	90	7	106
	φ 115	4-M6x20, 4-M8x20	≤ φ 24	59	φ 95	11	100	19	118
	φ 130	4-M8x20	≤ φ 24	59	φ 95	11	115	19	118
	φ 145	4-M8x20	≤ φ 24	59	φ 110	11	130	19	118
	φ 145	4-M8x20	≤ φ 24	70	φ 110	11	130	30	129
AD090-L2	φ 70	4-M4x10, 4-M5x10	≤ φ 14	35	φ 50	5	60	5.5	118
	φ 90	4-M5x15, 4-M6x15	≤ φ 24	47	φ 70	6	90	7	139.5
	φ 98.4	4-M5x15, 4-M6x15	≤ φ 14	47	φ 73	6	90	7	139.5
	φ 100	4-M6x15	≤ φ 24	47	φ 80	6	90	7	139.5
	φ 115	4-M6x20, 4-M8x20	≤ φ 24	59	φ 95	11	100	19	151.5
	φ 130	4-M8x20	≤ φ 24	59	φ 95	11	115	19	151.5
	φ 145	4-M8x20	≤ φ 24	59	φ 110	11	130	19	151.5
	φ 145	4-M8x20	≤ φ 24	70	φ 110	11	130	30	162.5

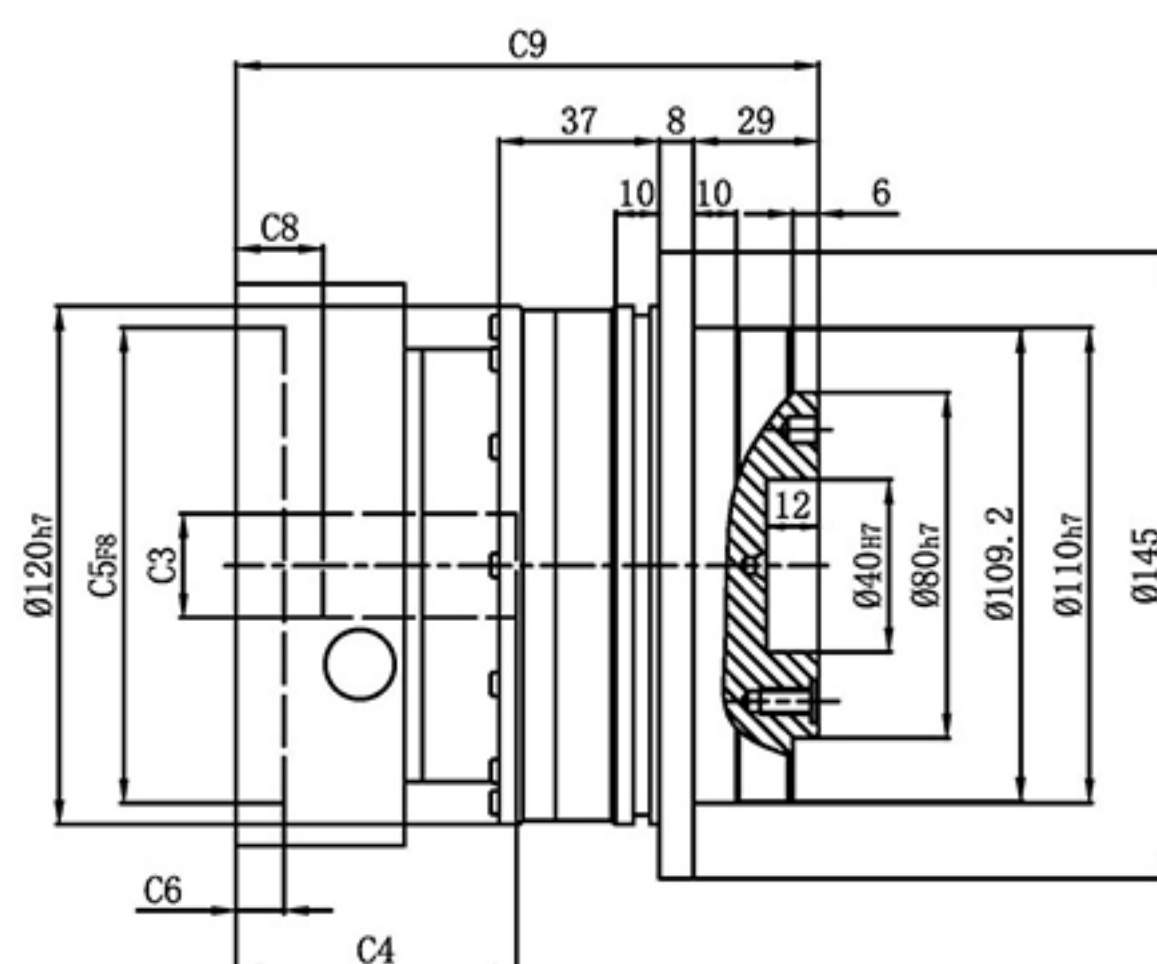
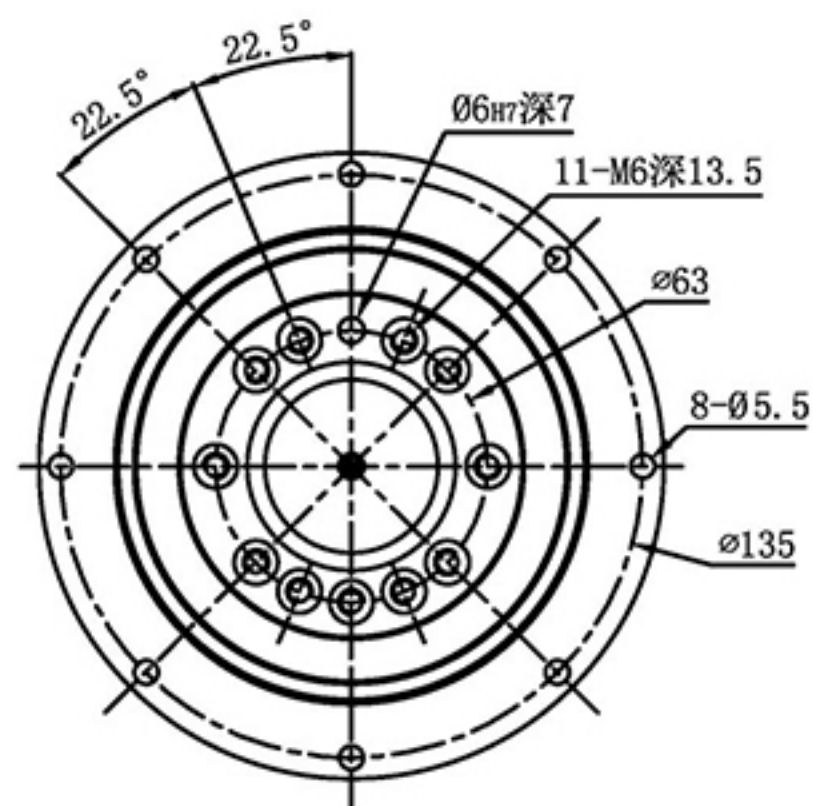
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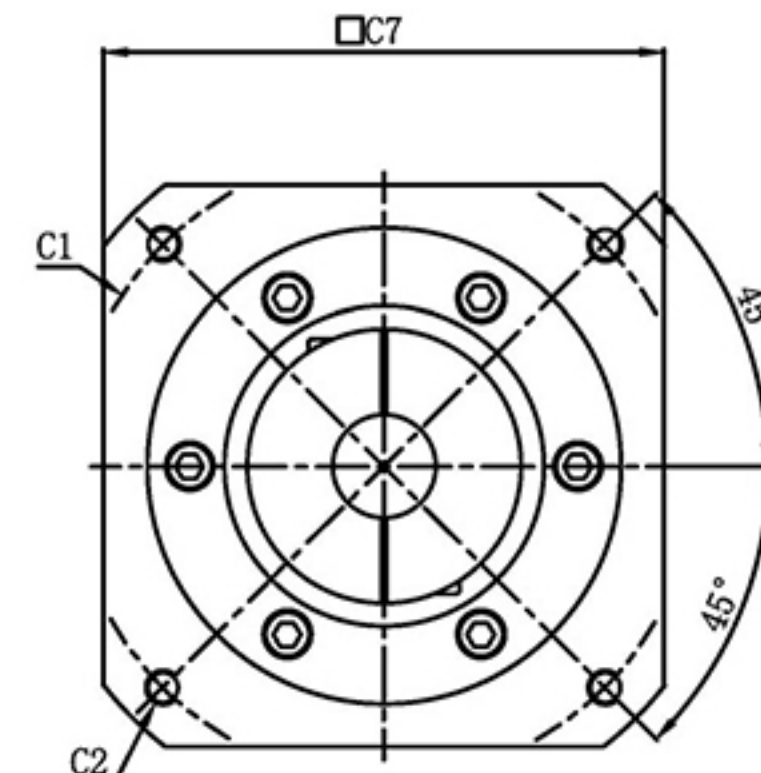
外形尺寸图表 / OUTLINE DIMENSION SHEET

AD110-L1

输出端/OUTPUT

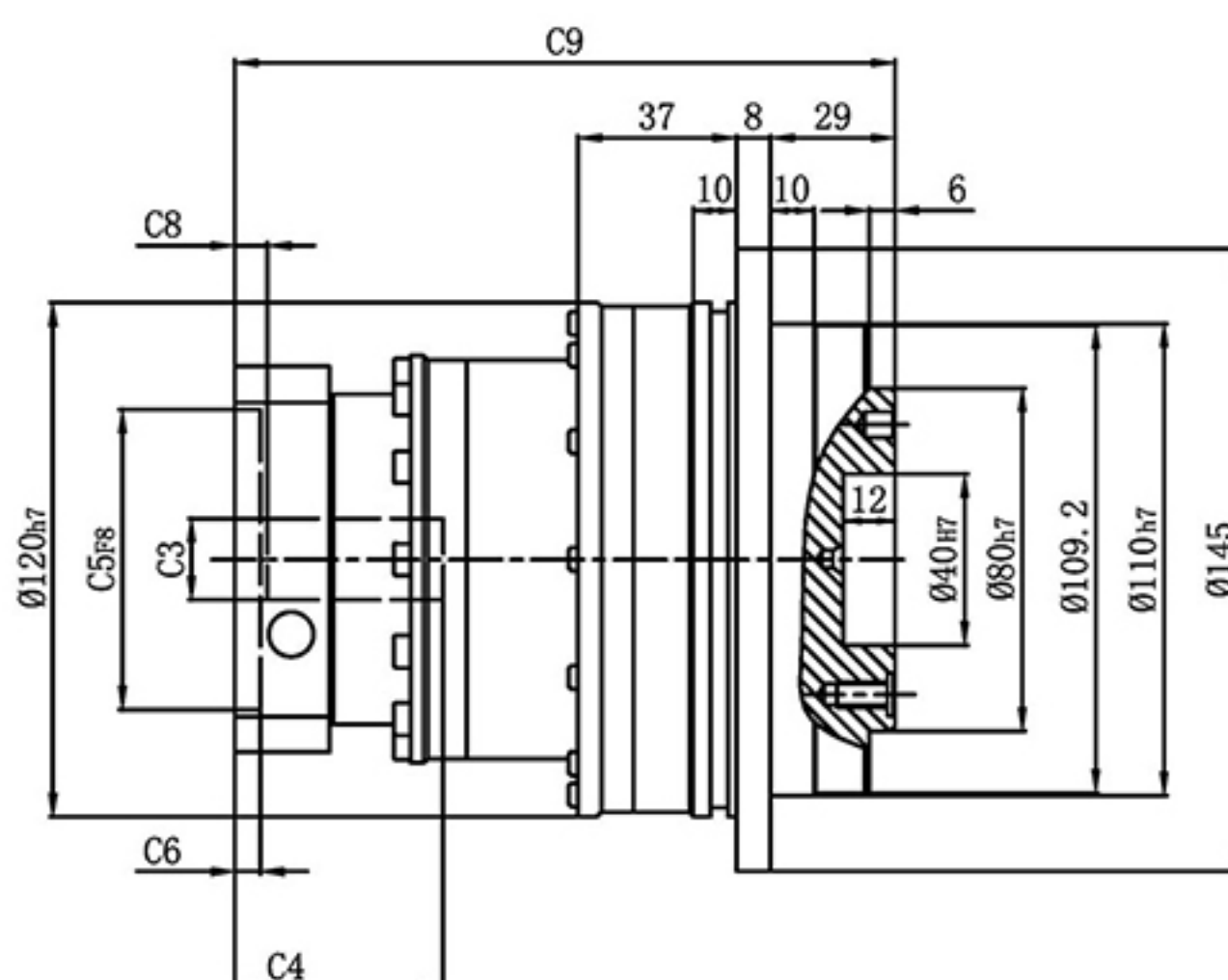
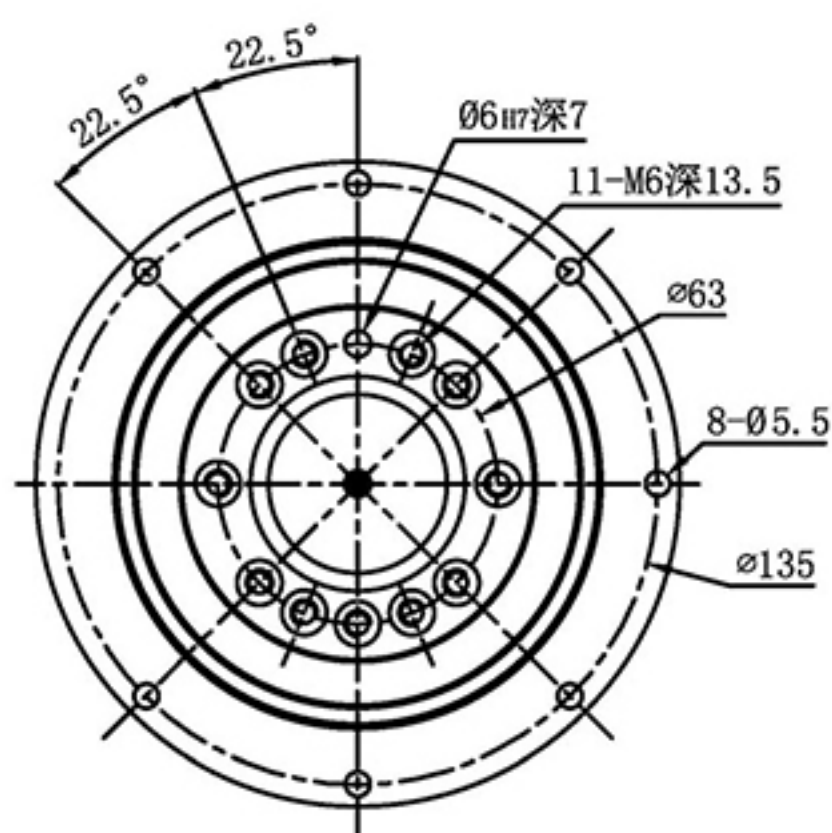


输入端/ INPUT

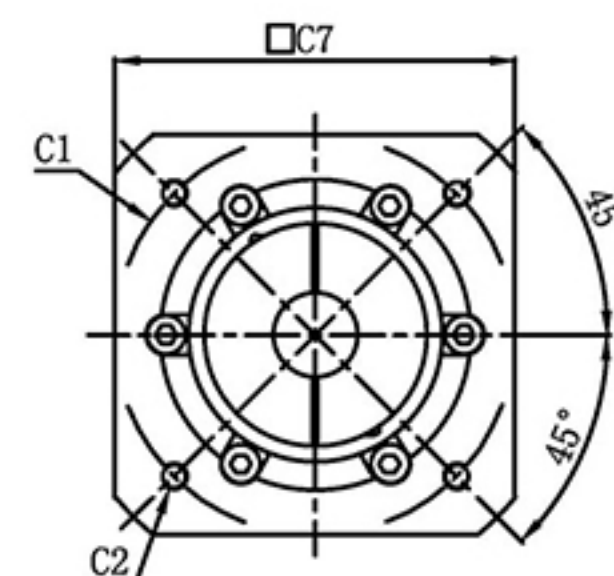


AD110-L2

输出端/OUTPUT



输入端/ INPUT



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9
AD110-L1	φ 115	4-M6x20,4-M8x20	≤ φ 24	61	φ 95	11	115	17	132
	φ 130	4-M8x20	≤ φ 24	61	φ 95	11	115	17	132
	φ 145	4-M8x20	≤ φ 24	64	φ 110	11	130	19	135
	φ 145	4-M8x20	≤ φ 24	71	φ 110	11	130	26	142
AD110-L2	φ 90	4-M5x15,4-M6x15	≤ φ 19	47	φ 70	6	90	7	154
	φ 115	4-M8x20	≤ φ 24	59	φ 95	11	115	19	166
	φ 130	4-M8x20	≤ φ 24	59	φ 95	11	115	19	166
	φ 145	4-M8x20	≤ φ 24	59	φ 110	11	130	19	166
	φ 145	4-M8x20	≤ φ 24	70	φ 110	11	130	30	177

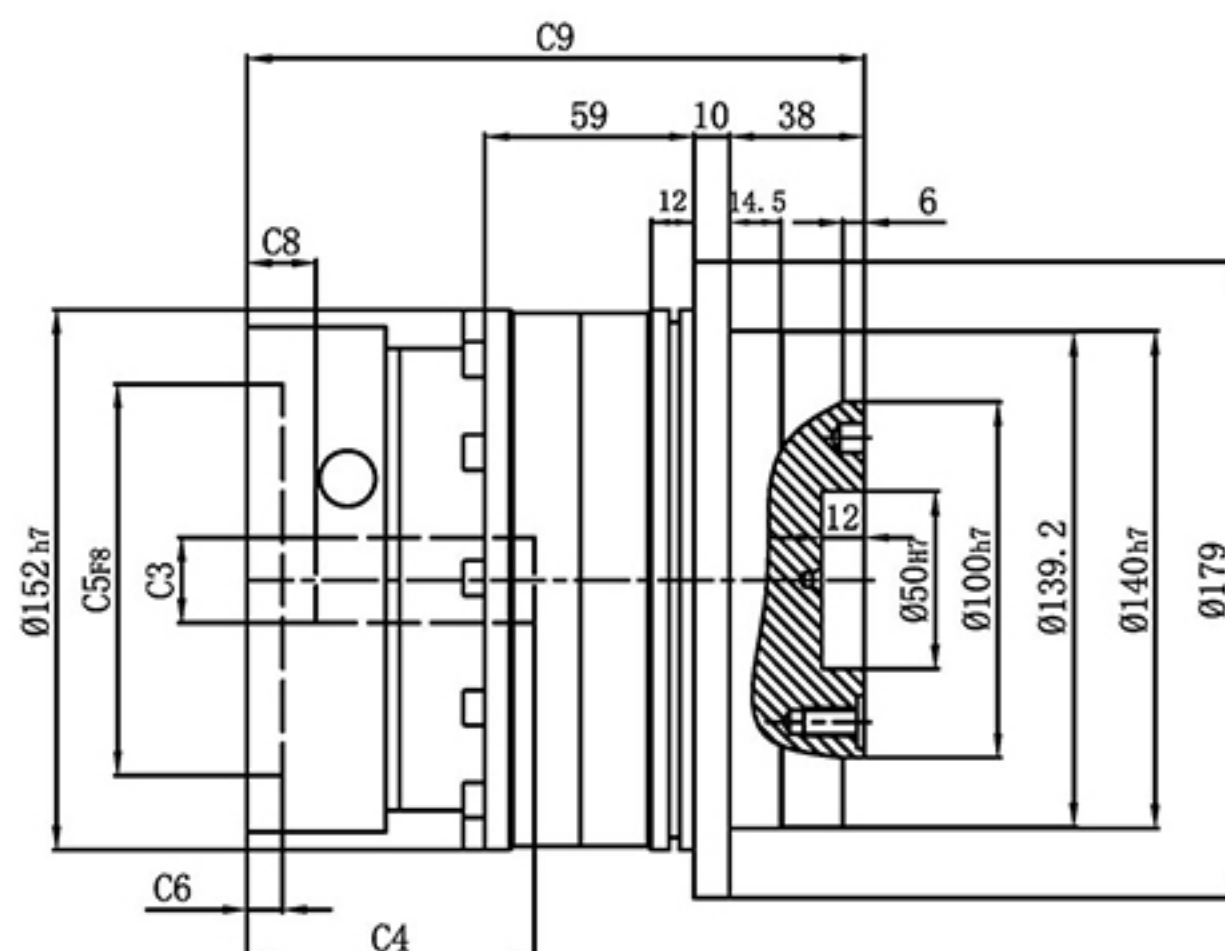
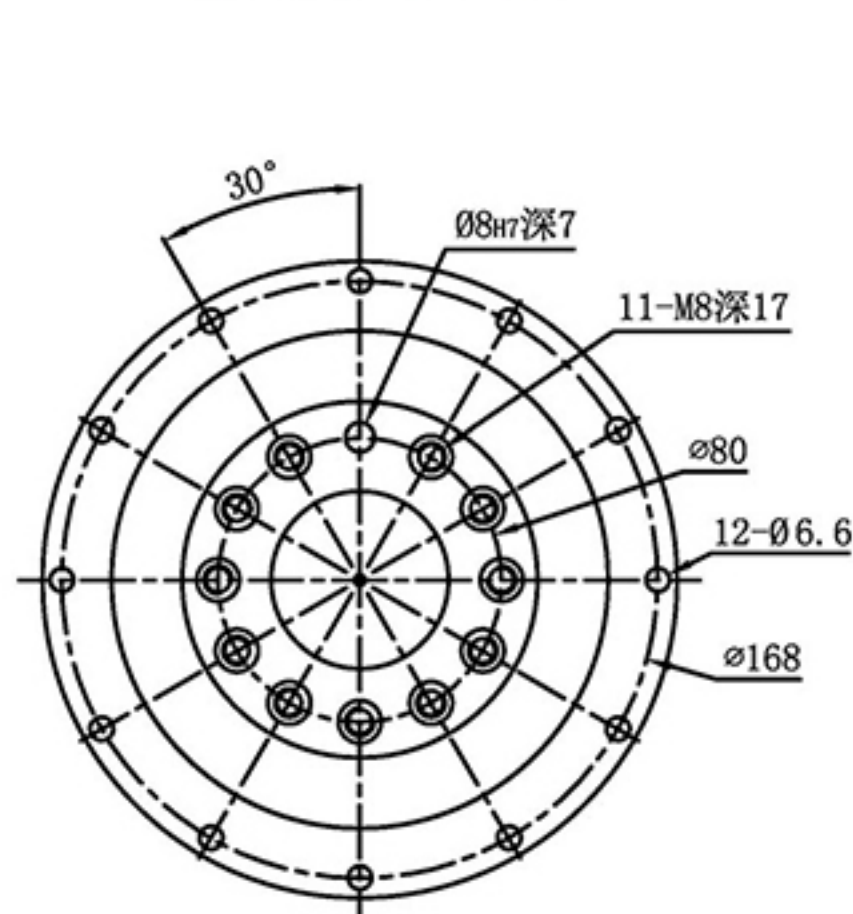
* C1~C9 是公制标准马达连接板之尺寸,可根据客户要求单独定做。

* C1~C9 are motor (metric standard) specific dimensions, which could be customised.

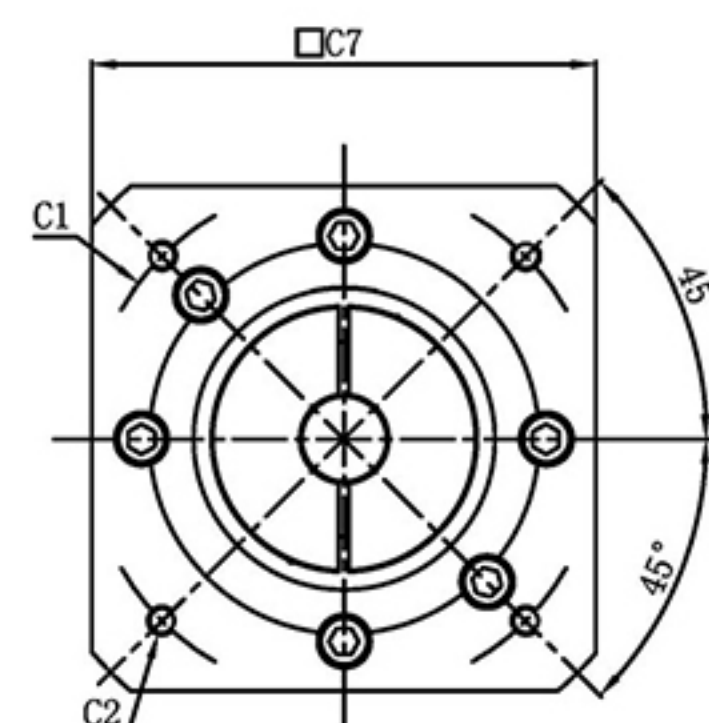
外形尺寸图表 / OUTLINE DIMENSION SHEET

AD140-L1

输出端/OUTPUT

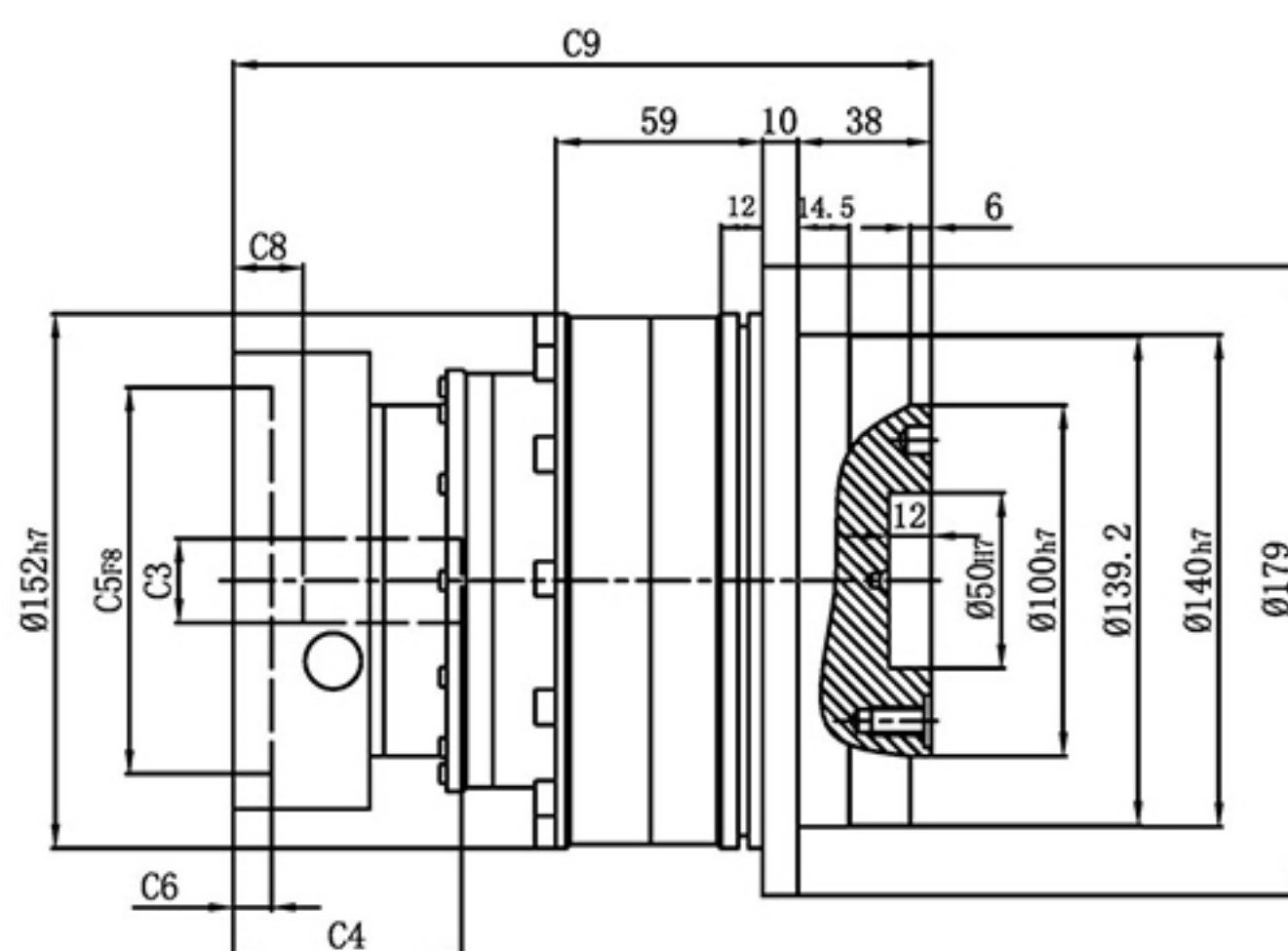
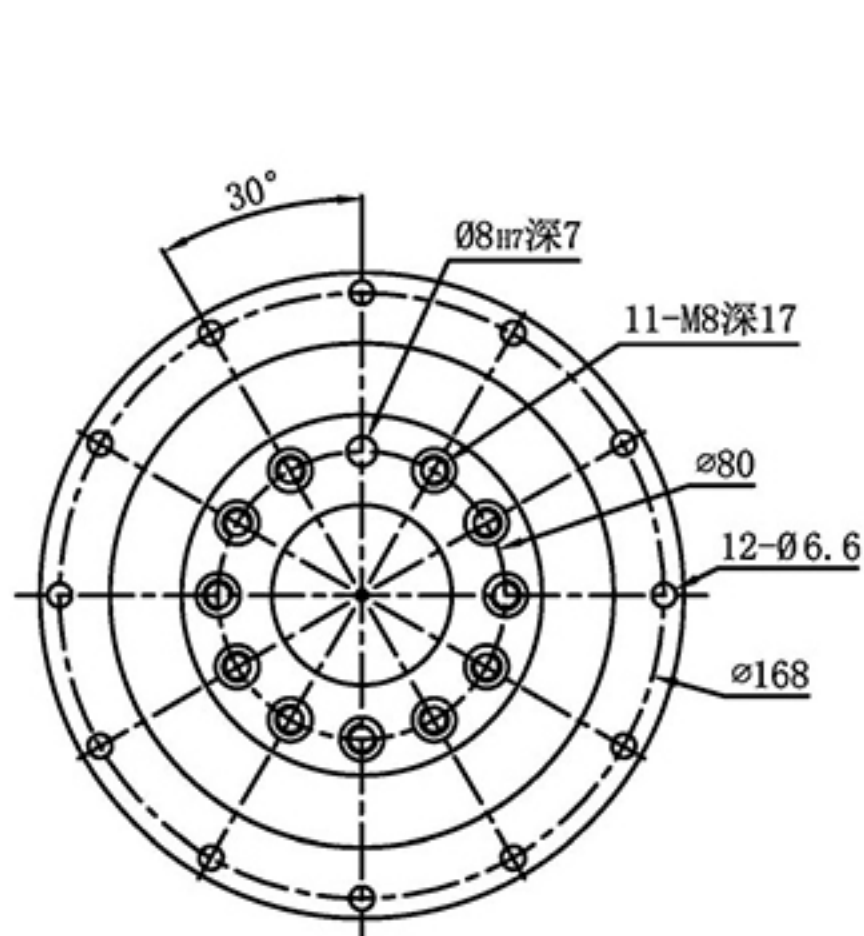


输入端/INPUT

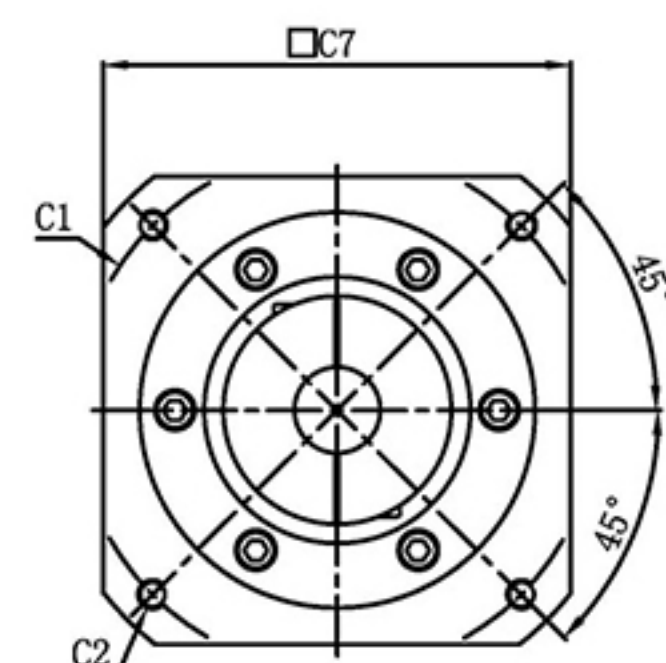


AD140-L2

输出端/OUTPUT



输入端/INPUT



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9
AD140-L1	φ 145	4-M8x20	≤ φ 24	81	φ 110	10	142	19.5	174
	φ 165	4-M10x30	≤ φ 28	81	φ 130	10	142	19.5	174
	φ 200	4-M12x35	≤ φ 42	83	φ 114.3	8	180	21.5	176
AD140-L2	φ 145	4-M8x25	≤ φ 24	65	φ 110	11	142	20	199
	φ 165	4-M10x30	≤ φ 28	65	φ 130	10	142	20	199
	φ 200	4-M12x35	≤ φ 42	83	φ 114.3	8	180	21.5	239.5

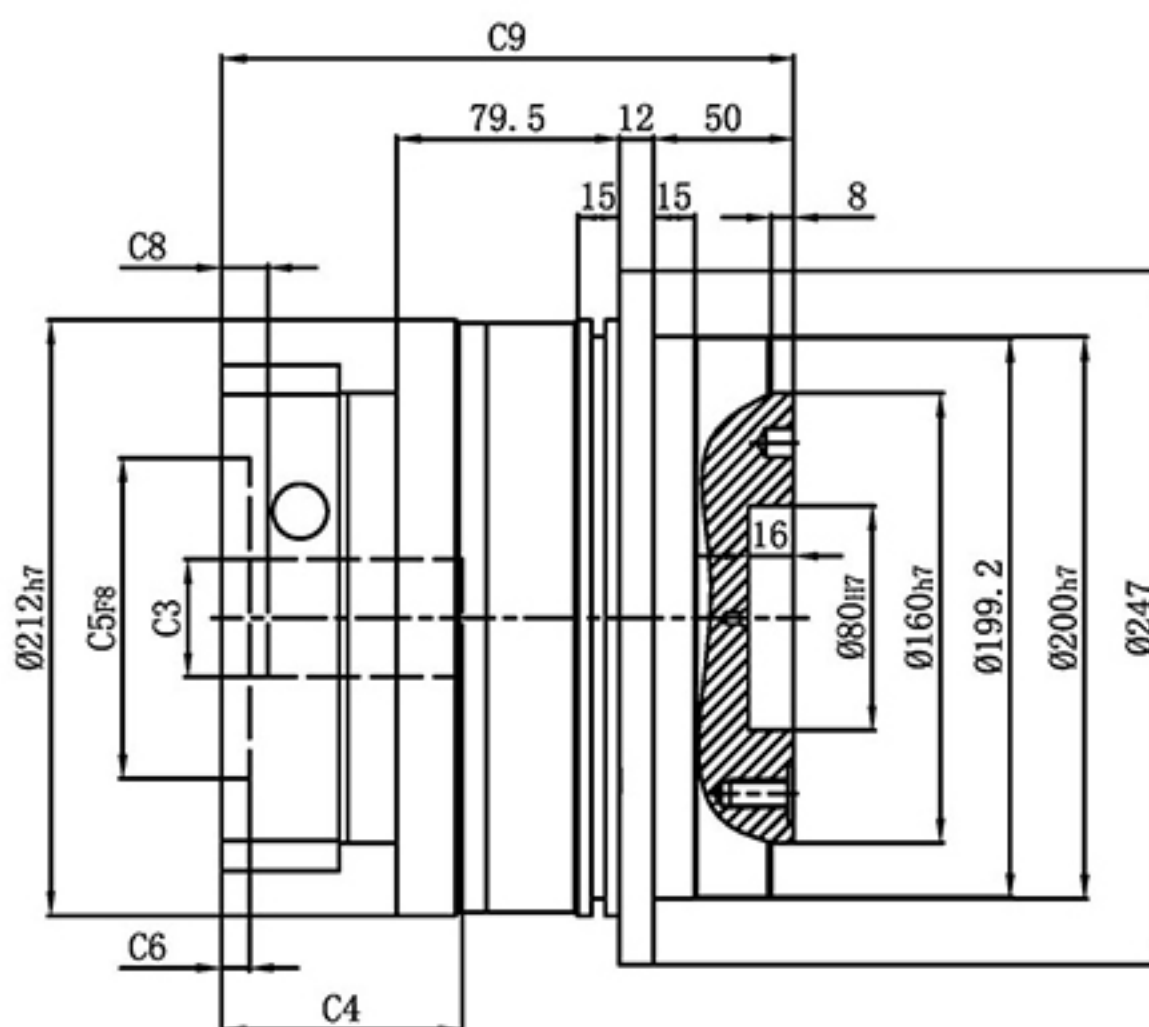
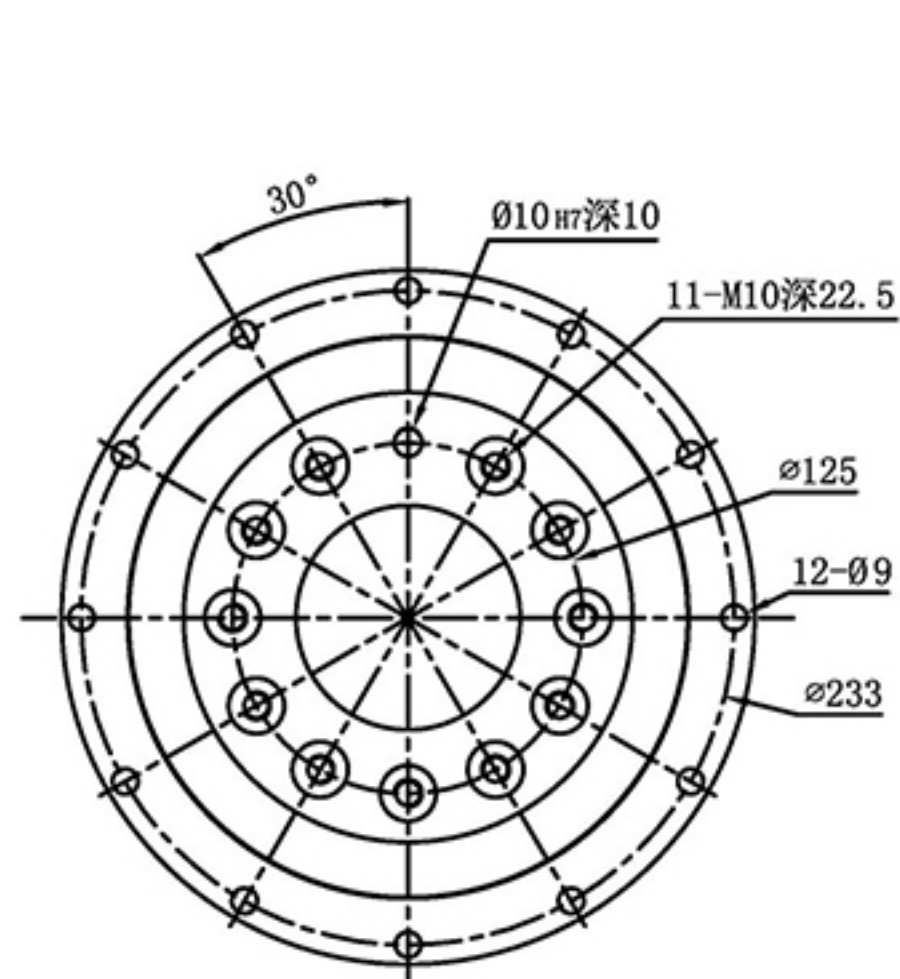
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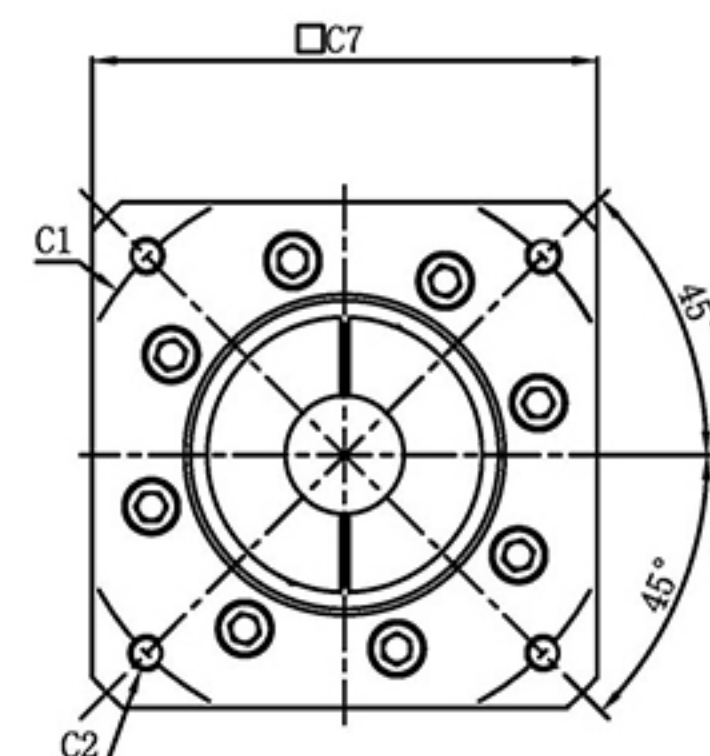
外形尺寸图表 / OUTLINE DIMENSION SHEET

AD200-L1

输出端/OUTPUT

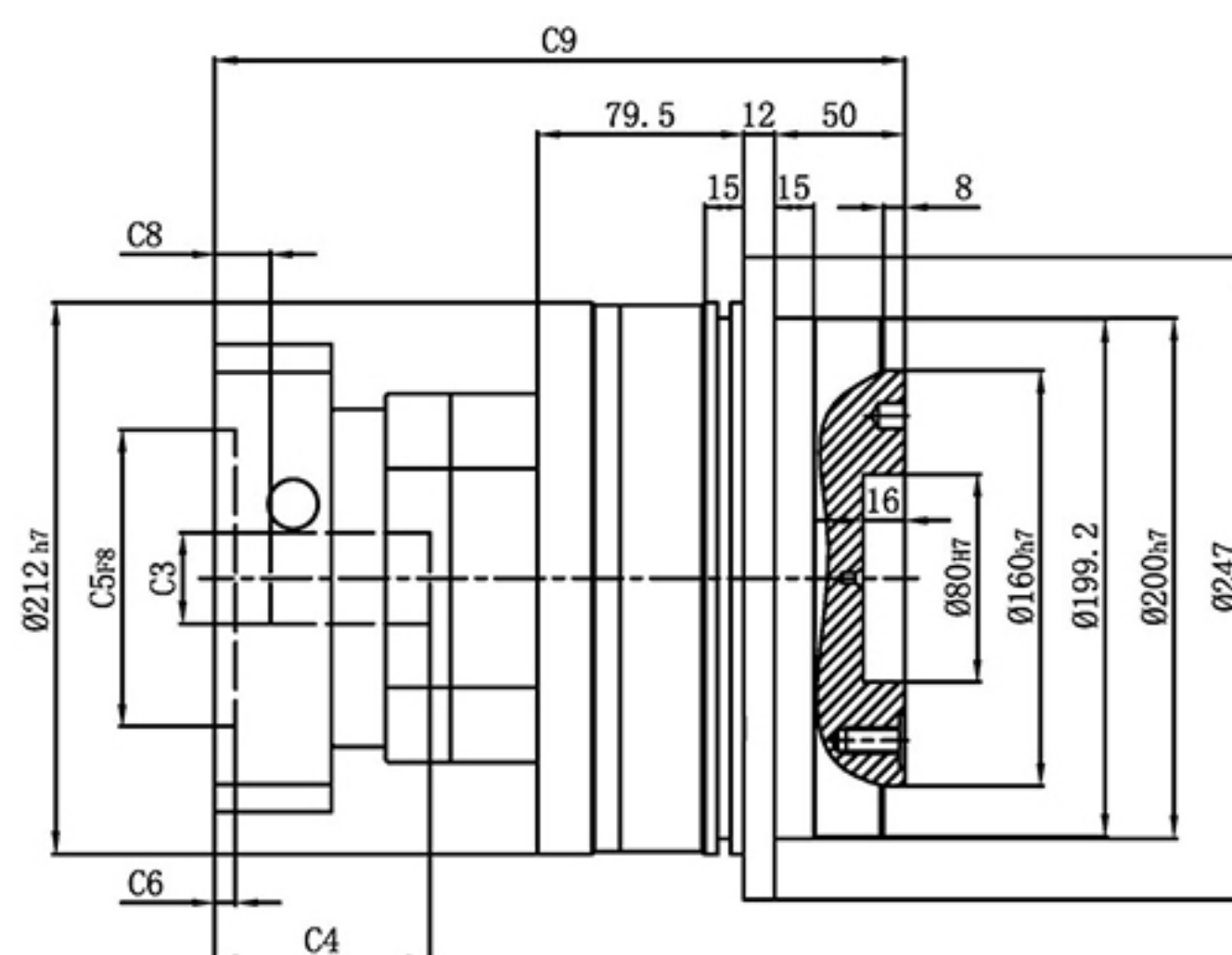
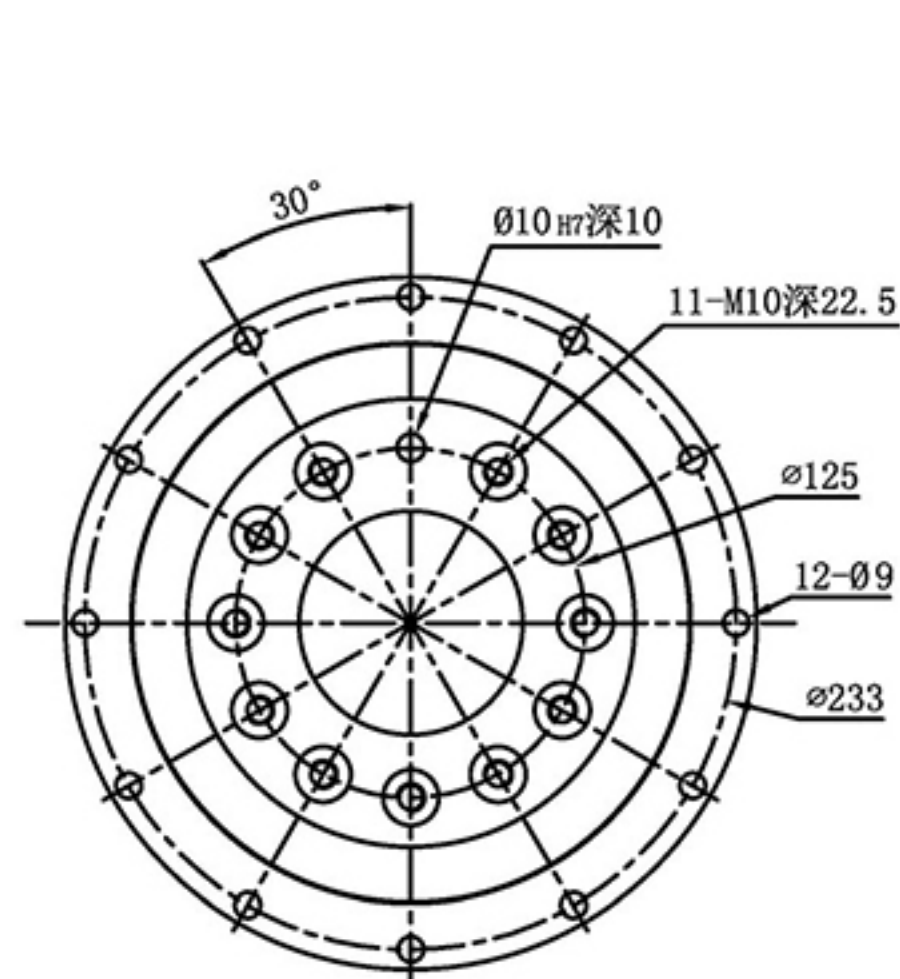


输入端/INPUT

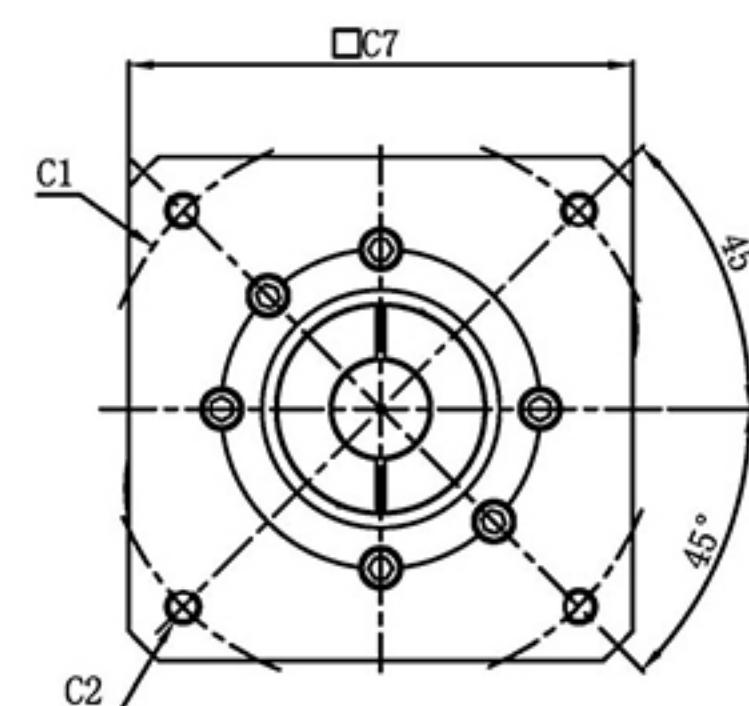


AD200-L2

输出端/OUTPUT



输入端/INPUT



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9
AD200-L1	φ 165	4-M10x25	≤ φ 32	86	φ 30	10	180	16.5	204
	φ 200	4-M12x35	≤ φ 42	86	φ 114.3	10	180	16.5	204
	φ 200	4-M12x35	≤ φ 42	118	φ 114.3	10	180	48.5	236
	φ 215	4-M12x35, 4-M14x35	≤ φ 42	86	φ 180	10	190	16.5	204
	φ 235	4-M10x30, 4-M14x35	≤ φ 55	118	φ 200	10	220	48.5	236
AD200-L2	φ 145	4-M8x20	≤ φ 24	81	φ 110	10	142	19.5	264
	φ 165	4-M10x30	≤ φ 28	81	φ 130	10	142	19.5	264
	φ 200	4-M12x35	≤ φ 42	83	φ 114.3	8	180	21.5	266
	φ 200	4-M12x35, 4-M14x35	≤ φ 42	115	φ 114.3	8	180	53.5	298
	φ 215	4-M14x35	≤ φ 42	83	φ 180	8	190	21.5	266

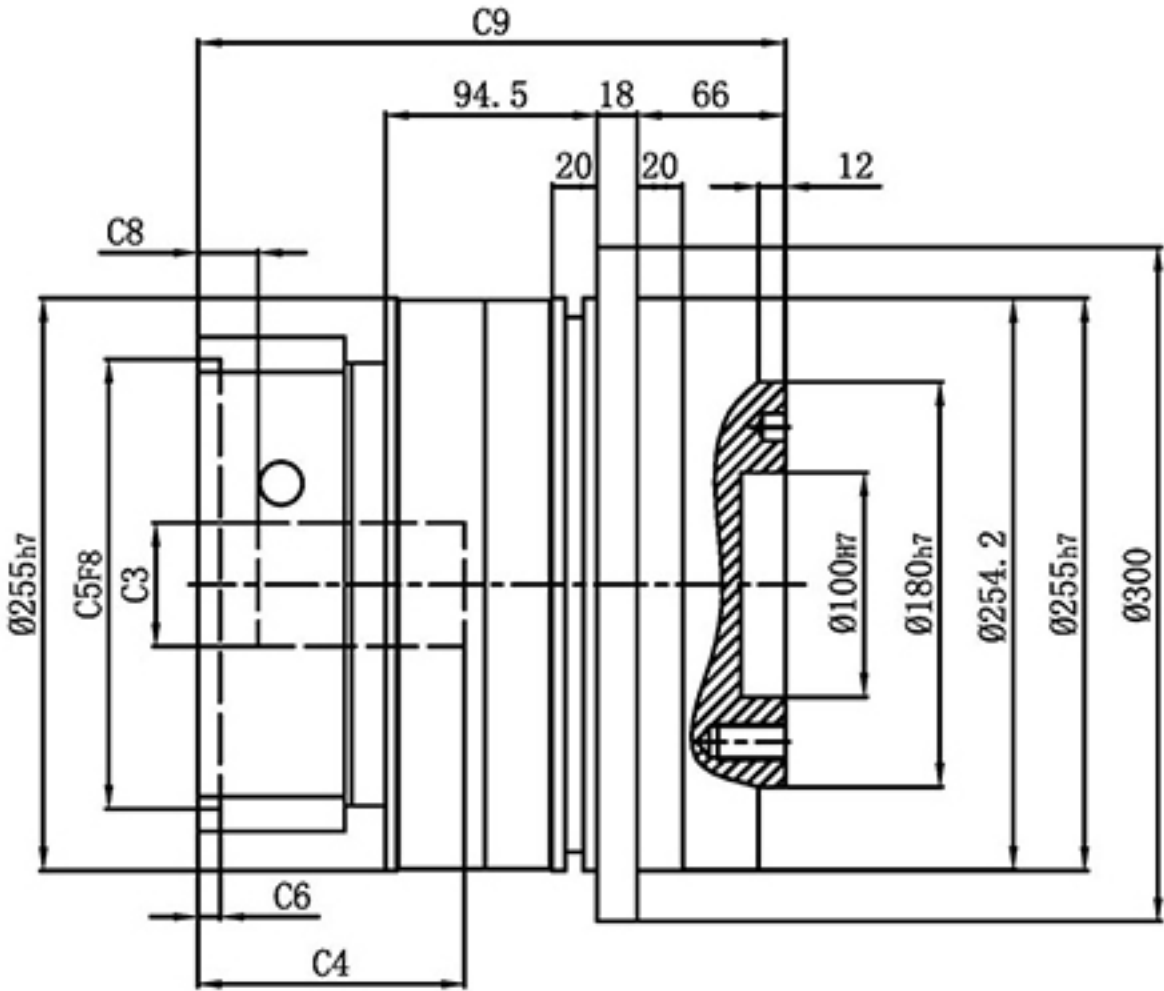
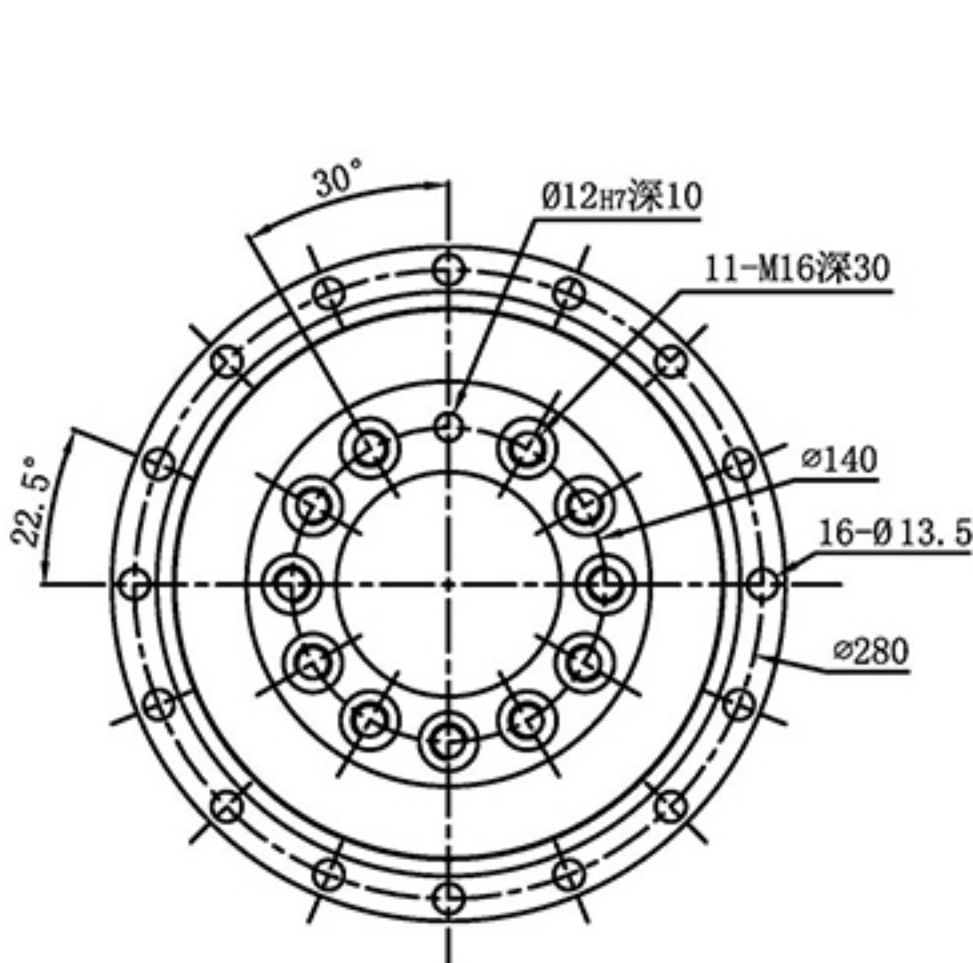
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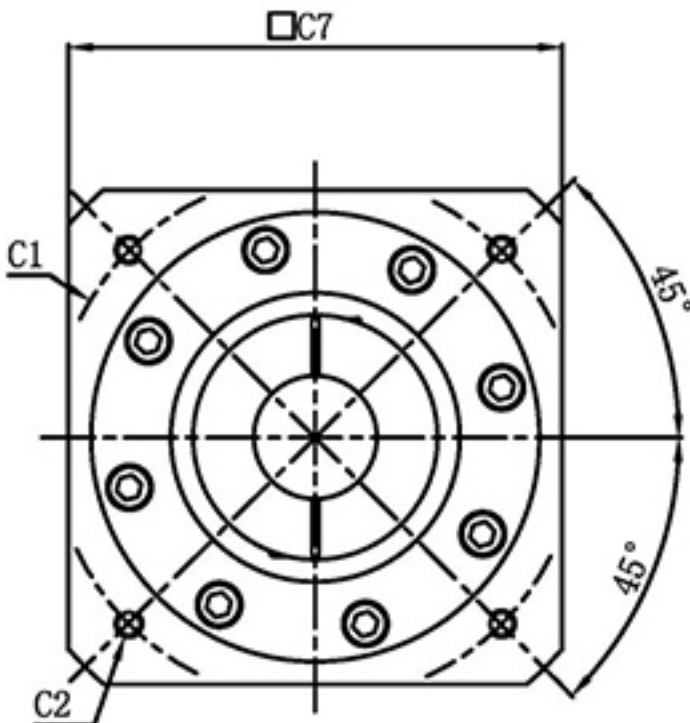
外形尺寸图表 / OUTLINE DIMENSION SHEET

AD255-L1

输出端/OUTPUT

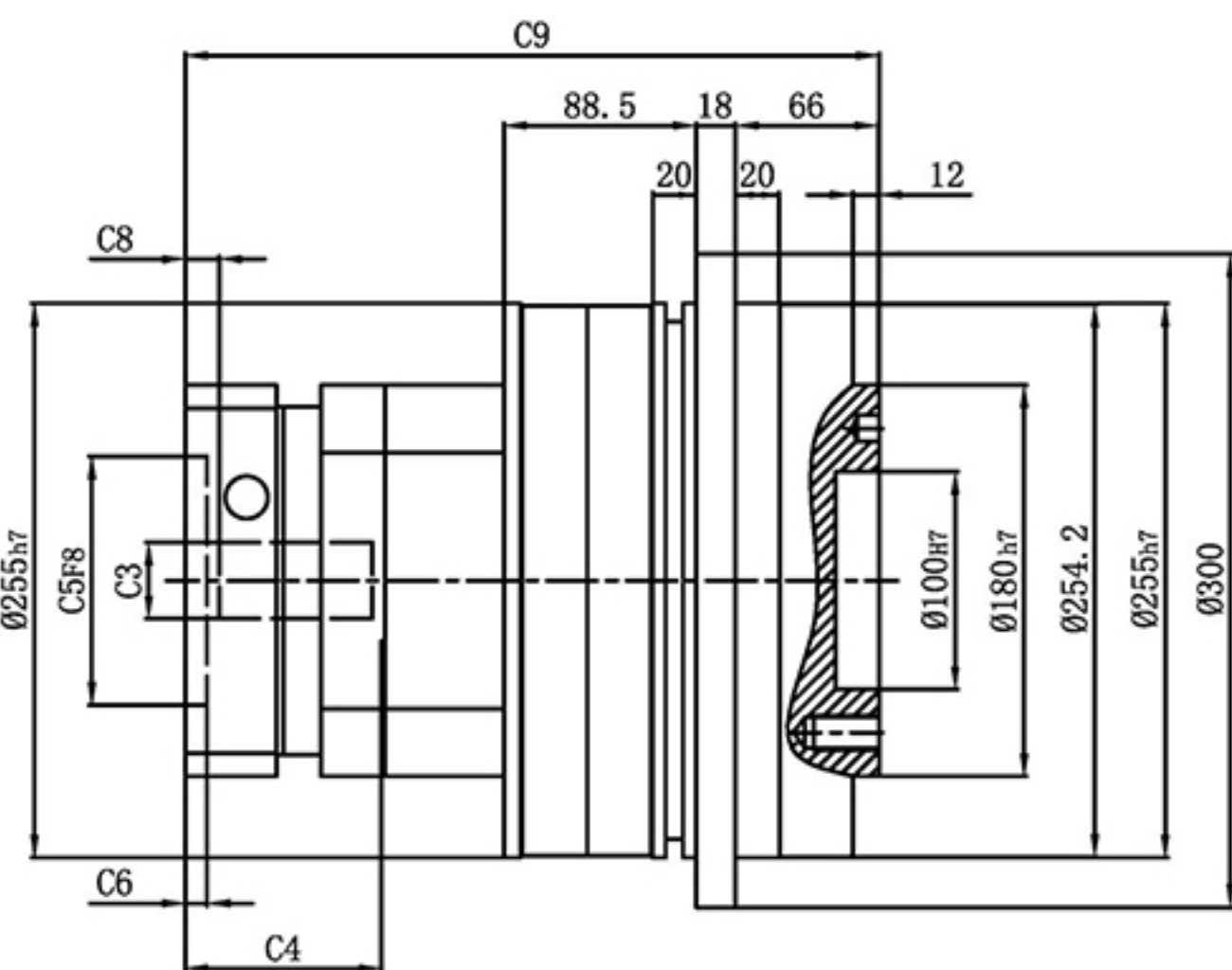
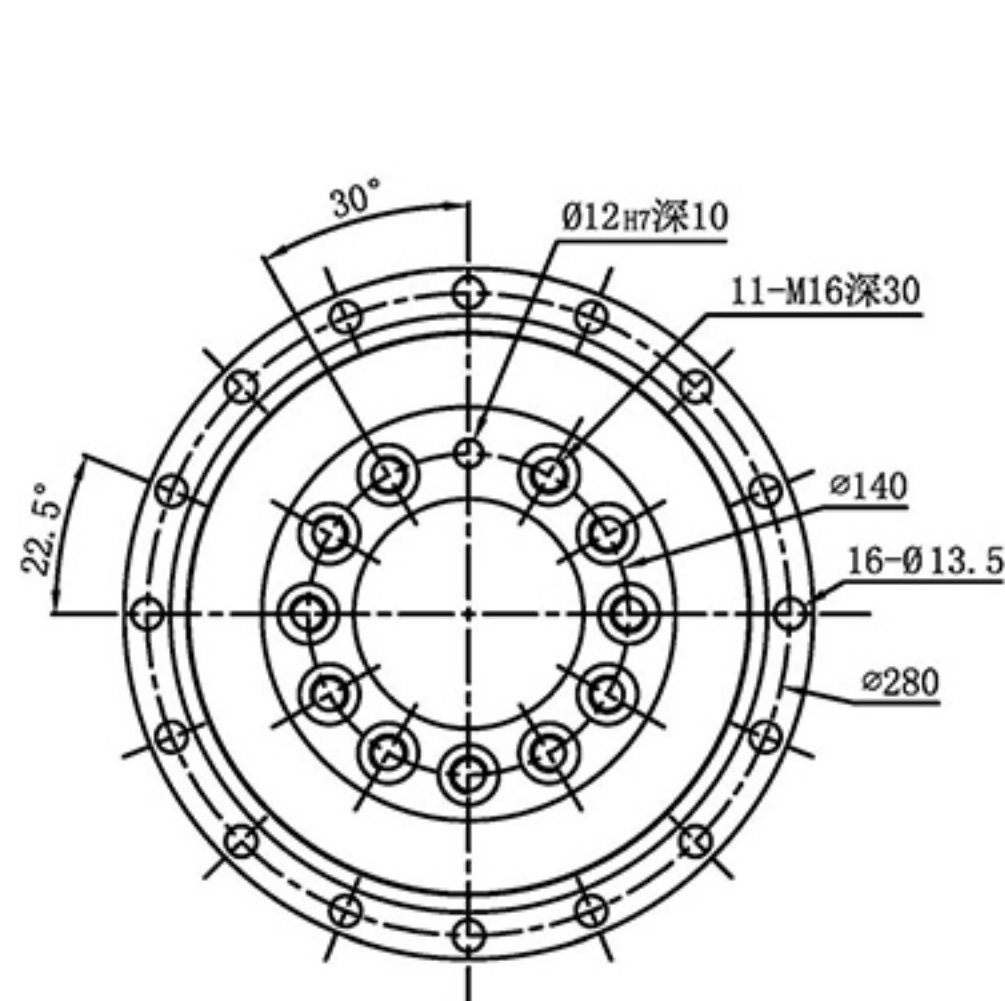


输入端/ INPUT

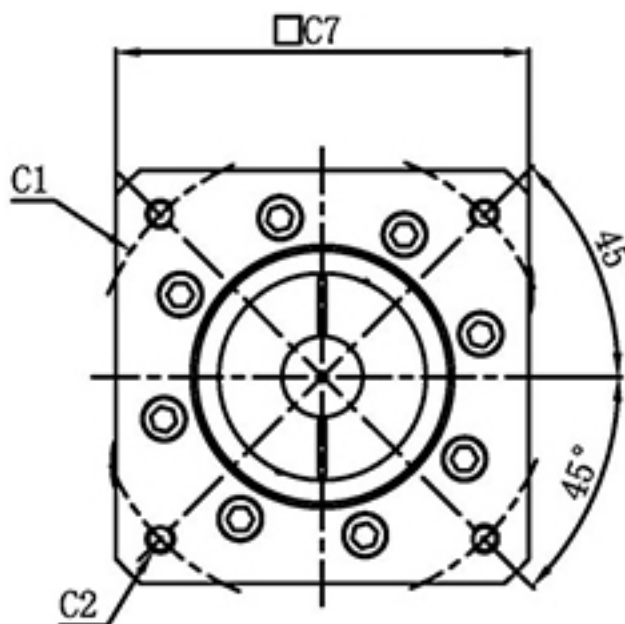


AD255-L2

输出端/OUTPUT



输入端/ INPUT



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9
AD255-L1	φ 200	4-M12x35	≤ φ 42	119	φ 114.3	10	220	27	262
	φ 215	4-M14x35	≤ φ 42	119	φ 180	10	220	27	262
	φ 235	4-M12x35, 4-M14x35	≤ φ 55	119	φ 200	10	220	27	262
AD255-L2	φ 165	4-M10x25, 4-M12x35	≤ φ 32	118	φ 130	10	180	16.5	319
	φ 200	4-M12x35	≤ φ 42	118	φ 114.3	10	180	16.5	319
	φ 215	4-M12x35, 4-M14x35	≤ φ 42	118	φ 180	10	190	16.5	319
	φ 235	4-M12x35, 4-M14x35	≤ φ 55	150	φ 200	10	220	48.5	351

* C1~C9 是公制标准马达连接板之尺寸,可根据客户要求单独定做。

* C1~C9 are motor (metric standard) specific dimensions, which could be customised.

减速机性能资料 / GEAR BOX PERFORMANCE INFORMATION

规格Specifications	单位unit	节数Stage	减速比Ratio	ADR047	ADR064	ADR090	ADR110	ADR140	ADR200	ADR255
额定输出力矩T2N Nominal Output Torque	N.m	1	4	21	50	142	285	582	1145	1650
			5	25	66	176	335	600	1220	1700
			7	21	54	145	310	540	1120	1500
			8	21	50	142	285	582	1145	1650
			10	25	66	176	335	600	1220	1700
			14	21	54	145	310	540	1120	1500
			20	16	45	122	250	500	620	1250
		2	16	21	50	142	285	582	1145	1650
			20	21	50	142	285	582	1145	1650
			25	25	66	176	335	600	1220	1700
			35	25	66	176	335	600	1220	1700
			40	21	50	142	285	582	1145	1650
			50	25	66	176	335	600	1220	1700
			70	25	66	176	335	600	1220	1500
			80	21	50	142	285	582	1145	1650
			100	25	66	176	335	600	1220	1700
急停力矩T2NOT Emergency Stop Torque	N.m	1、2	4 ~ 100	3倍额定输出力矩 (3.0 times of Nominal Output Torque)						
额定输入转速n1 Nominal Input Speed	rpm	1、2	4 ~ 100	5000	5000	5000	4000	3000	3000	2000
最大输入转速n1max Max.Input Speed	rpm	1、2	4 ~ 100	10000	10000	10000	8000	6000	6000	4000
超精密背隙P0 Ultraprecise Backlash	arcmin	1	4 ~ 10	≤5	≤5	≤5	≤5	≤5	≤5	≤5
		2	16 ~ 100	≤8	≤8	≤8	≤8	≤8	≤8	≤8
精密背隙P1 Precise Backlash	arcmin	1	4 ~ 10	≤7	≤7	≤7	≤7	≤7	≤7	≤7
		2	16 ~ 100	≤10	≤10	≤10	≤10	≤10	≤10	≤10
标准背隙P2 Standard Backlash	arcmin	1	4 ~ 10	≤9	≤9	≤9	≤9	≤9	≤9	≤9
		2	16 ~ 100	≤12	≤12	≤12	≤12	≤12	≤12	≤12
扭转刚性 Torsional Rigidity	N.m /arcmin	1、2	4 ~ 100	6	11	30	84	150	435	1006
最大弯曲力矩M2kB Max.Radial Load	N	1、2	4 ~ 100	40	120	241	417	1320	3200	5900
容许轴向力F2aB Max.Axial Load	N	1、2	4 ~ 100	960	1800	2000	4550	6110	8300	10600
使用温度 Operating Temp	° C	1、2	4 ~ 100	-10° C ~ +90° C						
使用寿命 Service Life	hr	1、2	4 ~ 100	20000 (10000/连续运转)						
效率η Efficiency	%	1	4 ~ 10	≥95%						
		2	16 ~ 100	≥92%						
重量 Weight	kg	1	4 ~ 10	1.0	1.6	3.5	7.8	15.0	45.5	68.7
		2	16 ~ 100	1.3	2.2	4.8	9.5	19.1	40.8	72.6
安装方向 mounting Position		1、2	3 ~ 100	任意方向 Any direction						
噪音值 Noise Level	dBA/1m	1、2	3 ~ 100	63	63	68	70	70	72	75
防护等级 Protection Class		1、2	3 ~ 100	Ip65						
润滑 Lubrication		1、2	3 ~ 100	全合成润滑脂油 Synthetic Lubricant						

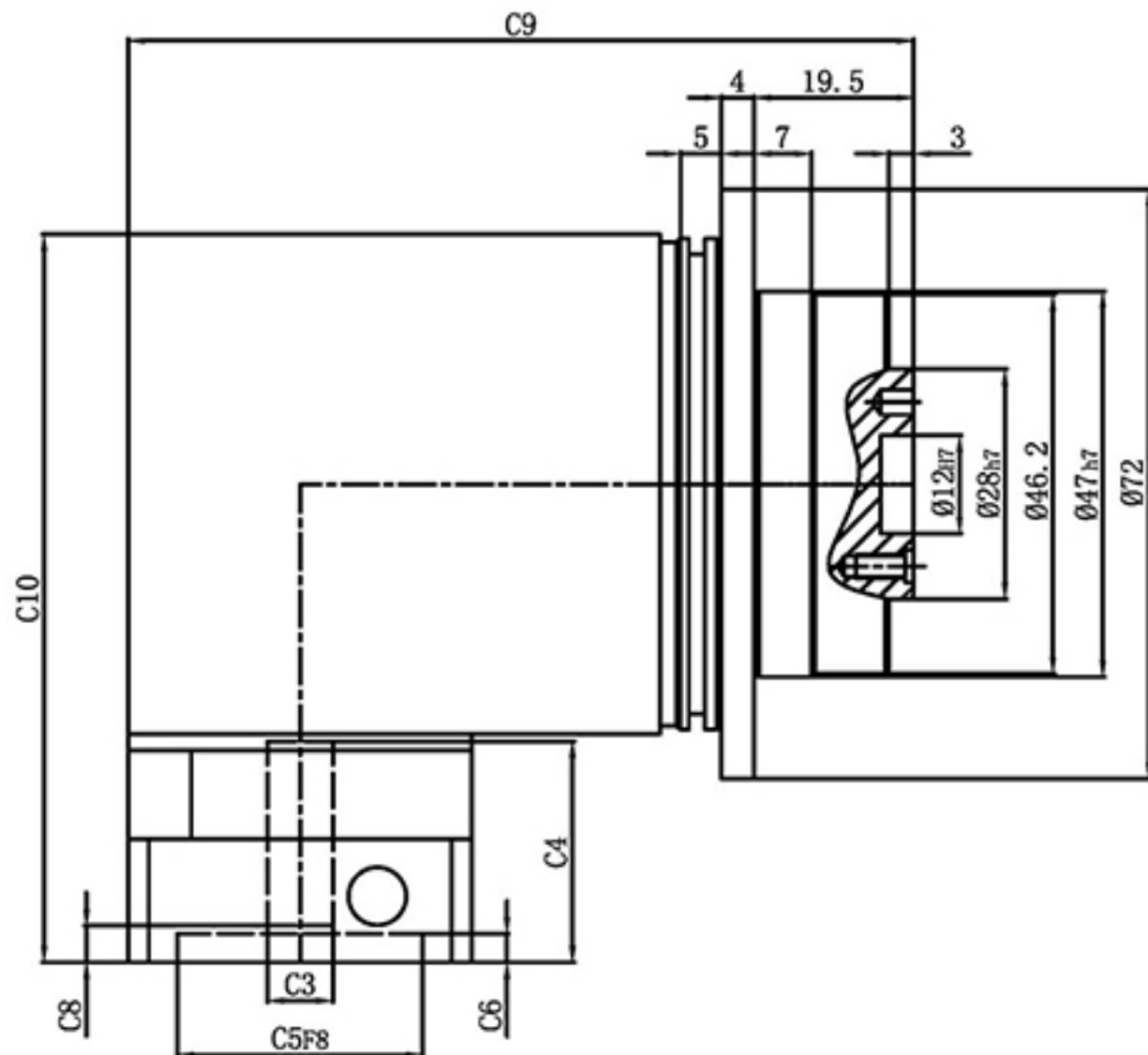
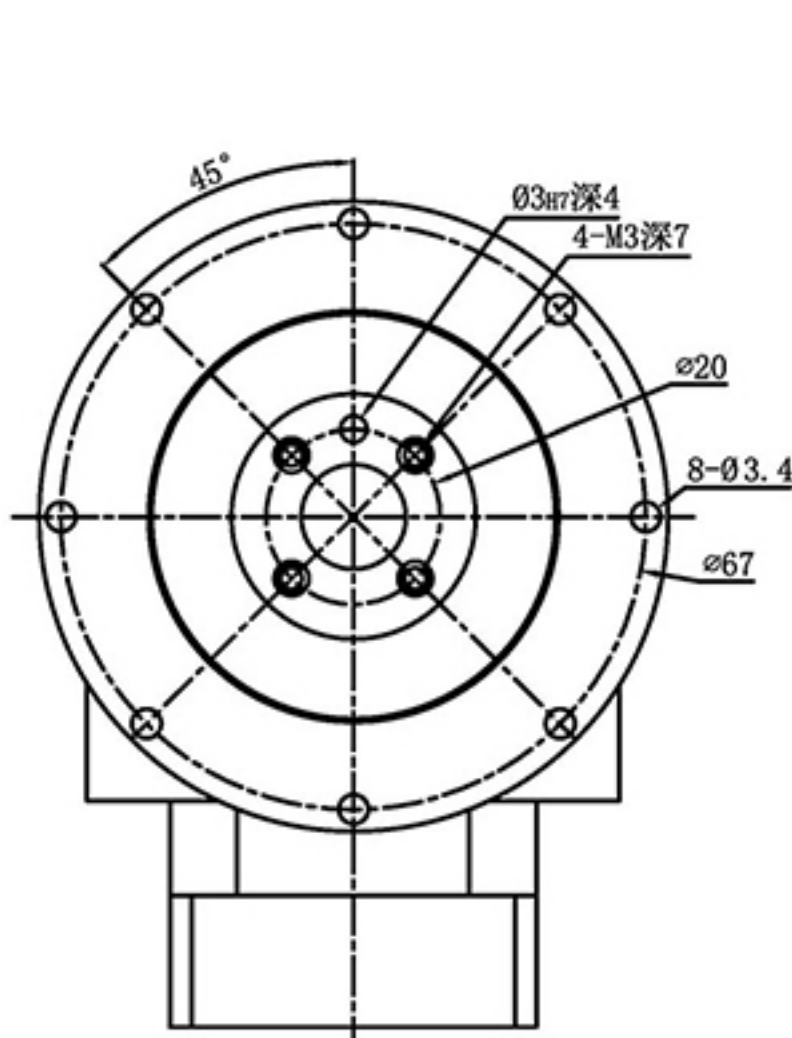
减速机转动惯量

规格Specifications	单位unit	节数Stage	减速比Ratio	ADR047	ADR064	ADR090	ADR110	ADR140	ADR200	ADR255
转动惯量J1 Inertia	kg.cm2	1	4		0.18	0.67	1.66	7.17	24.92	58.30
			5		0.17	0.65	1.50	6.52	23.42	53.30
			7		0.14	0.60	1.45	6.17	22.64	51.02
			8/10/14/20		0.14	0.58	1.41	6.10	22.64	50.96
		2	16/20/25		0.18	0.18	0.65	2.80	7.56	23.22
			35/40		0.14	0.14	0.60	2.59	7.56	23.22
			50/70/80/100		0.14	0.14	0.58	2.54	7.06	22.51

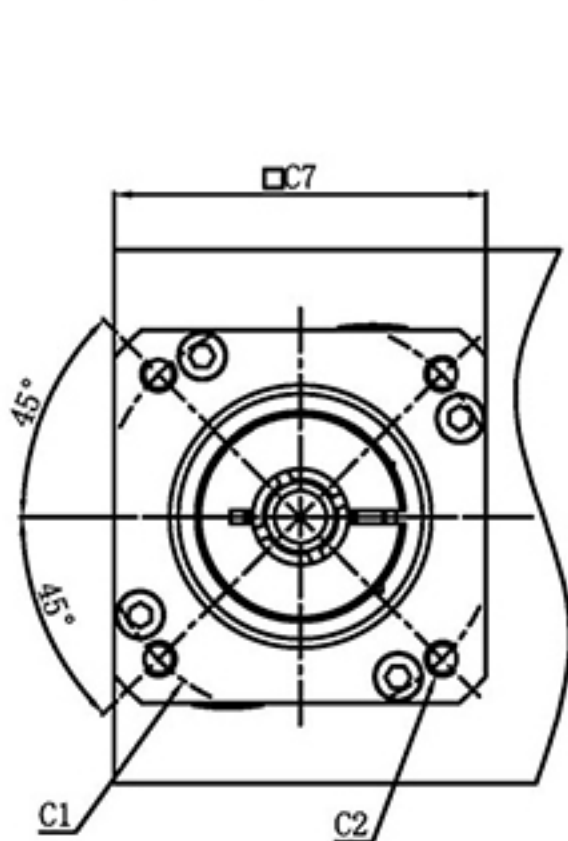
外形尺寸图表 / OUTLINE DIMENSION SHEET

ADR047-L1

输出端/OUTPUT

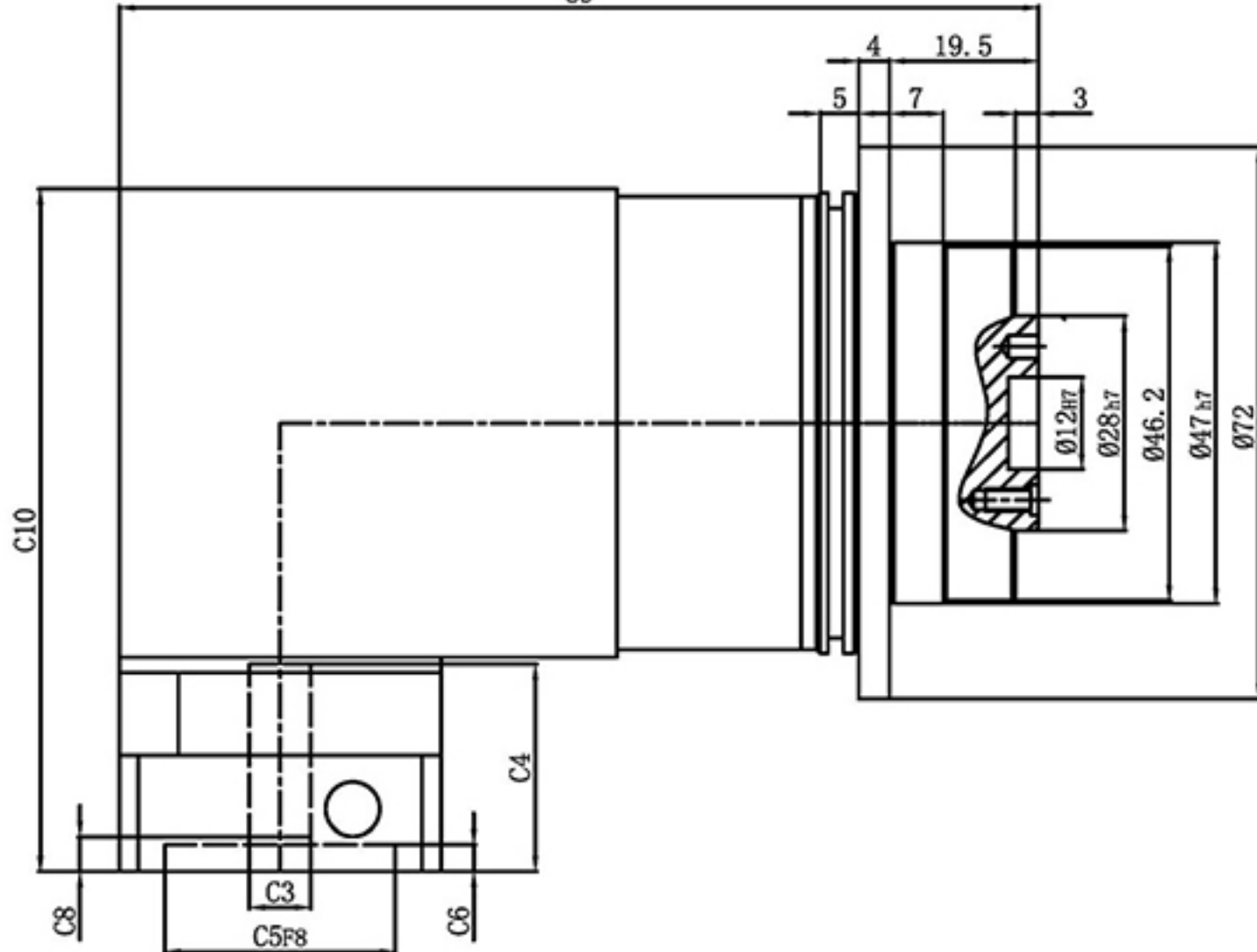
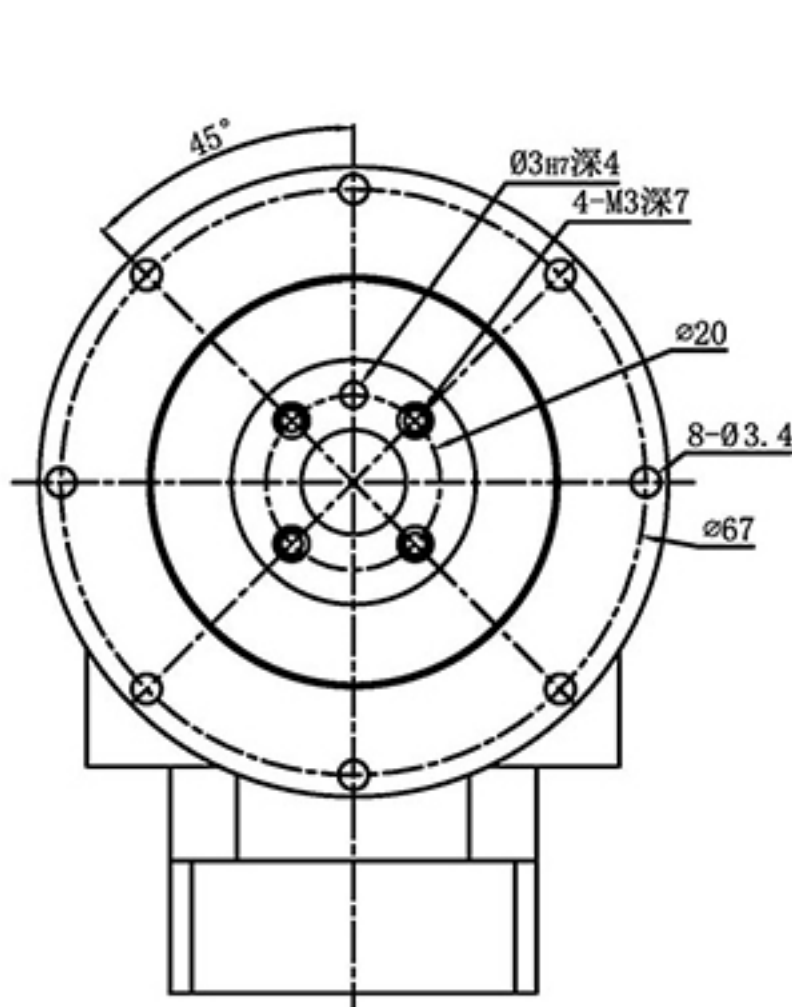


输入端/ INPUT

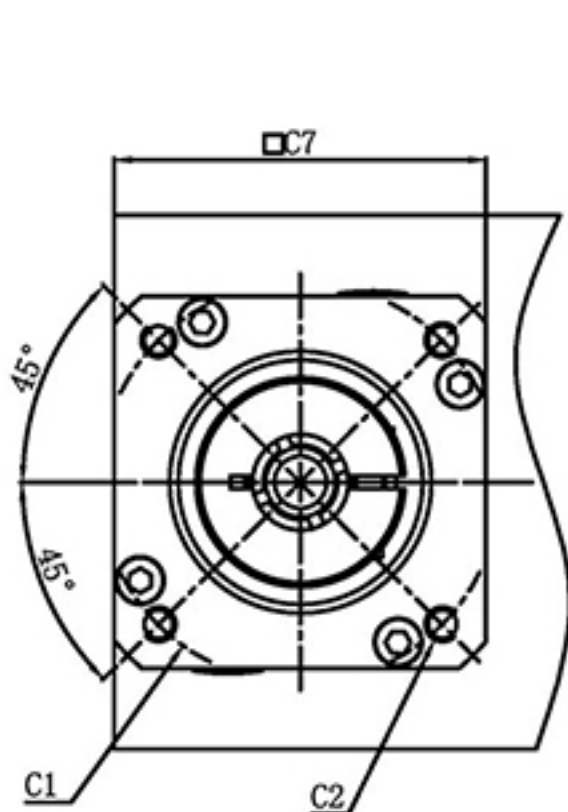


ADR047-L2

输出端/OUTPUT



输入端/ INPUT

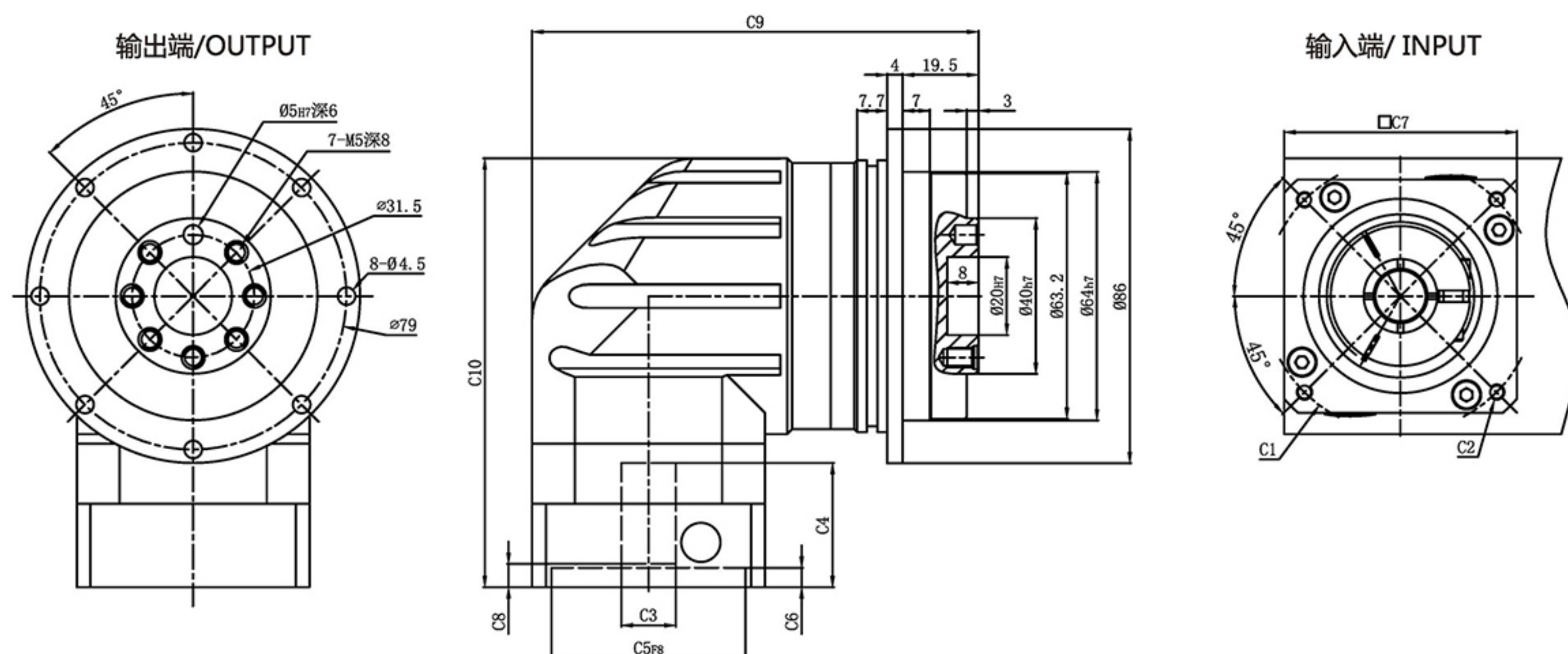


尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
ADR047-L1	φ 45	4-M3x8	≤ φ 8	27	φ 30	3.5	43	4.5	96	89
	φ 46	4-M4x10	≤ φ 8	27	φ 30	3.5	43	4.5	96	89
ADR047-L2	φ 45	4-M3x8	≤ φ 8	27	φ 30	3.5	43	4.5	120	89
	φ 46	4-M4x10	≤ φ 8	27	φ 30	3.5	43	4.5	120	89

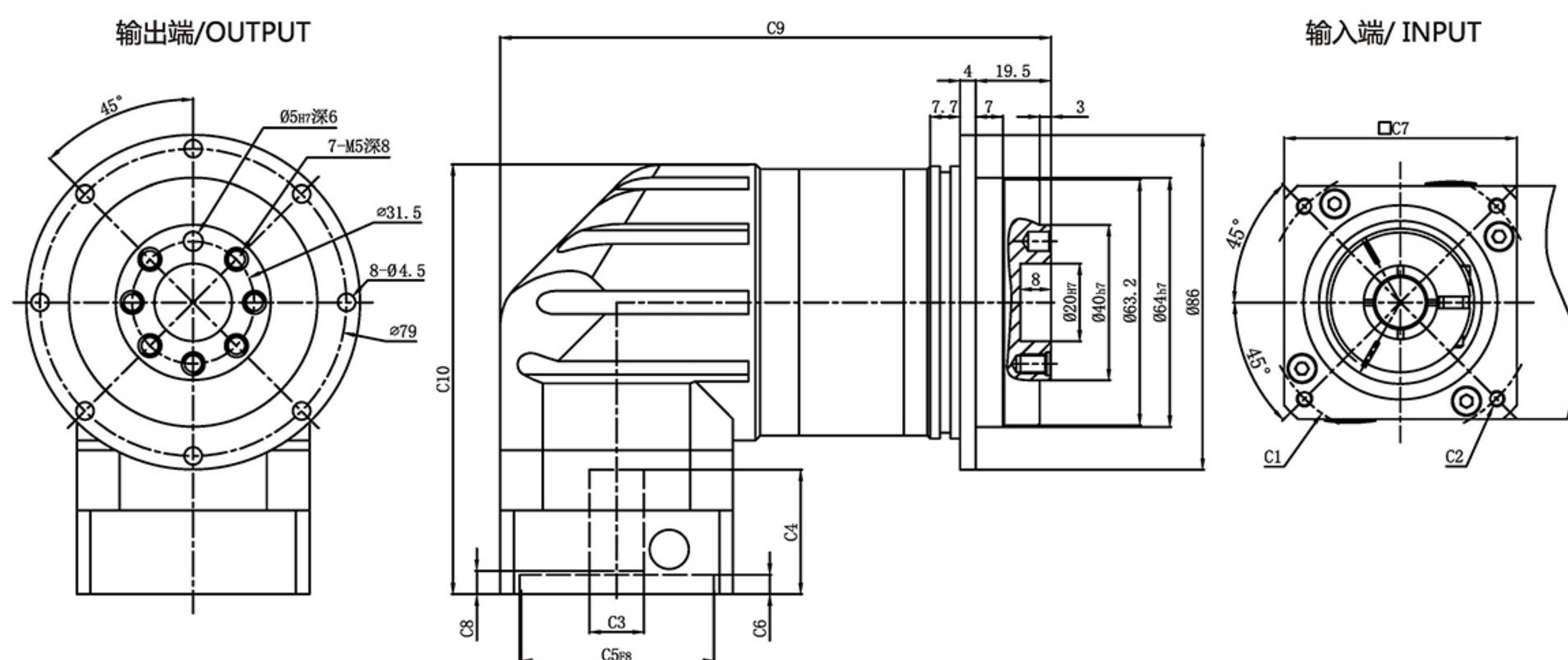
* C1~C10是公制标准马达连接板之尺寸,可根据客户要求单独定做。
* C1~C10are motor (metric standard) specific dimensions, which could be customised.

外形尺寸图表 / OUTLINE DIMENSION SHEET

ADR064-L1



ADR064-L2



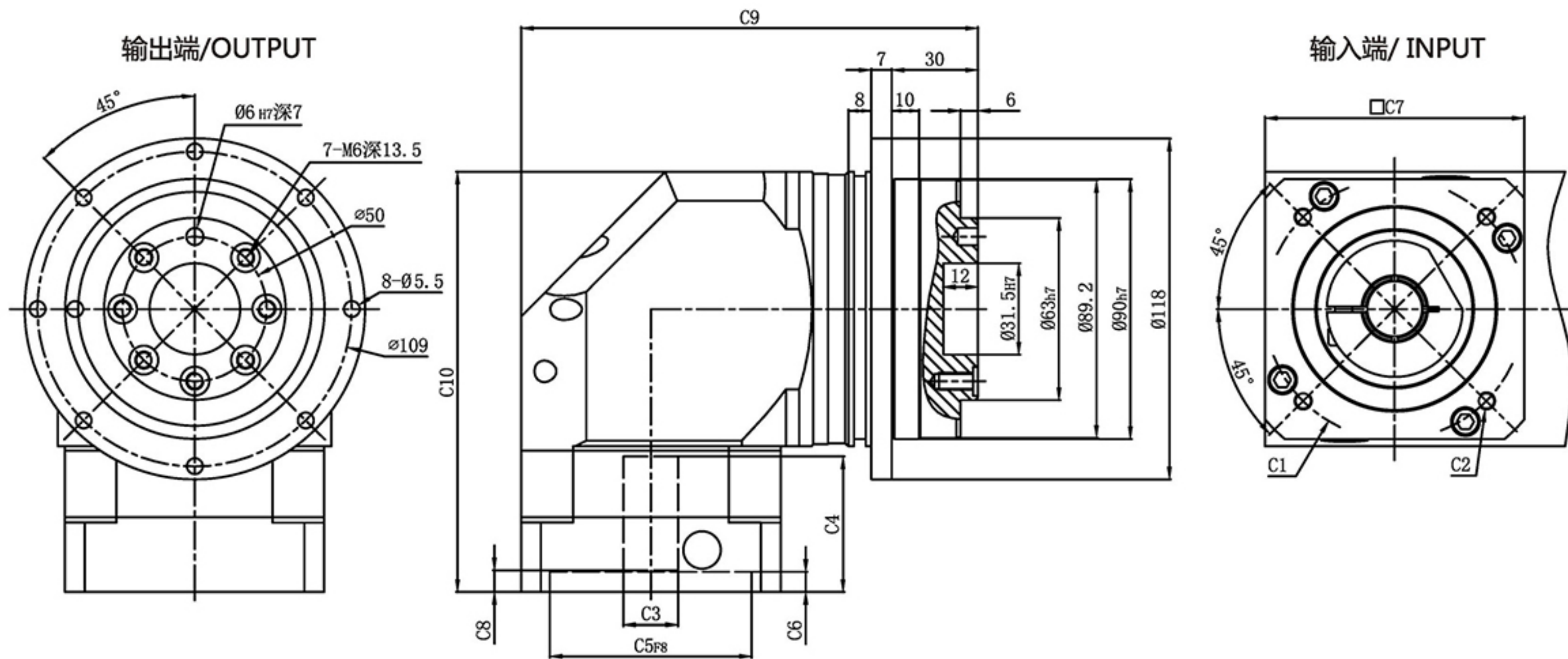
尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
ADR064-L1	φ 46	4-M4x12, 4-M5x12	≤ φ 8	37.5	φ 30	10.5	60	11.5	115	116
	φ 66.7	4-M4x12	≤ φ 8	32	φ 38.1	5	60	6	115	110.5
	φ 70	4-M4x10, 4-M5x12	≤ φ 14	32	φ 50	5	60	6	115	110.5
	φ 75	4-M4x12, 4-M5x12	≤ φ 14	32	φ 60	5	66	6	118	110.5
ADR064-L2	φ 46	4-M4x12, 4-M5x12	≤ φ 8	37.5	φ 30	10.5	60	11.5	142	116
	φ 66.7	4-M4x12	≤ φ 8	32	φ 38.1	5	60	6	142	110.5
	φ 70	4-M4x10, 4-M5x12	≤ φ 14	32	φ 50	5	60	6	142	110.5
	φ 75	4-M4x12, 4-M5x12	≤ φ 14	32	φ 60	5	66	6	145	110.5

* C1~C10是公制标准马达连接板之尺寸,可根据客户要求单独定做。

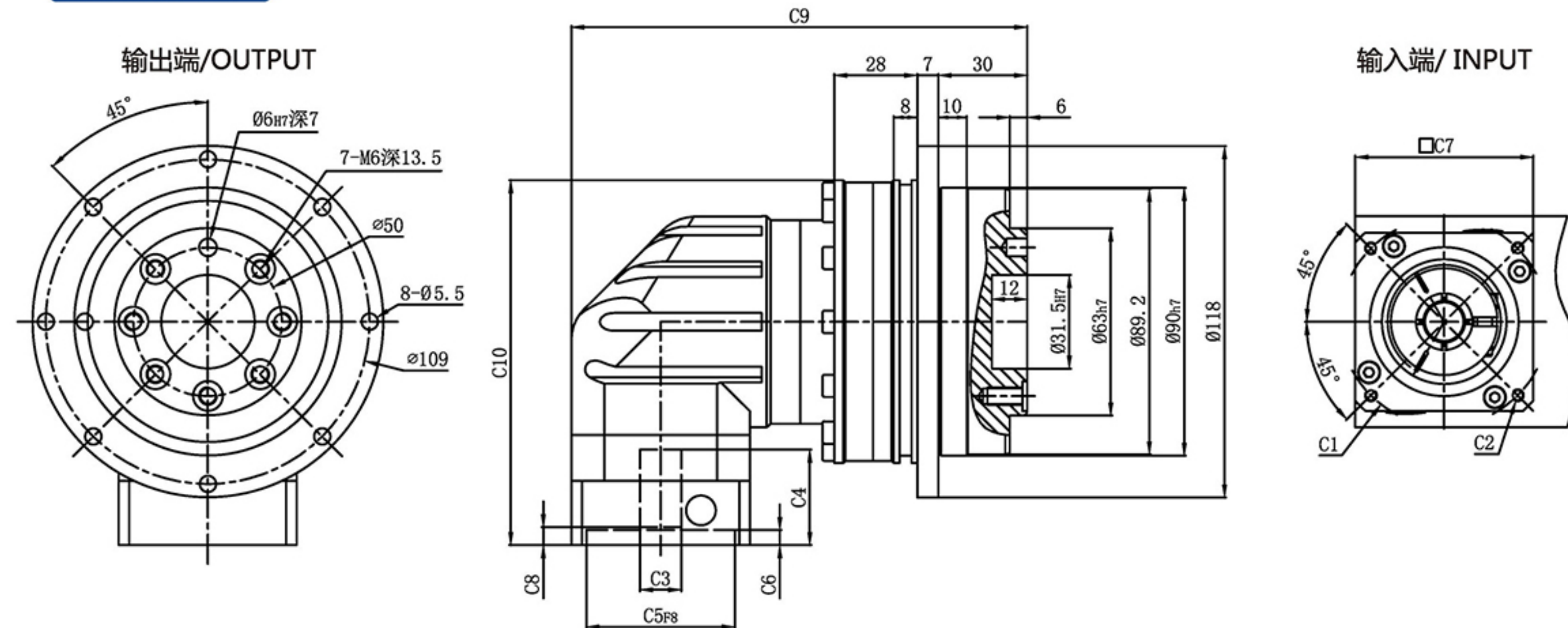
* C1~C10are motor (metric standard) specific dimensions, which could be customised.

外形尺寸图表 / OUTLINE DIMENSION SHEET

ADR090-L1



ADR090-L2



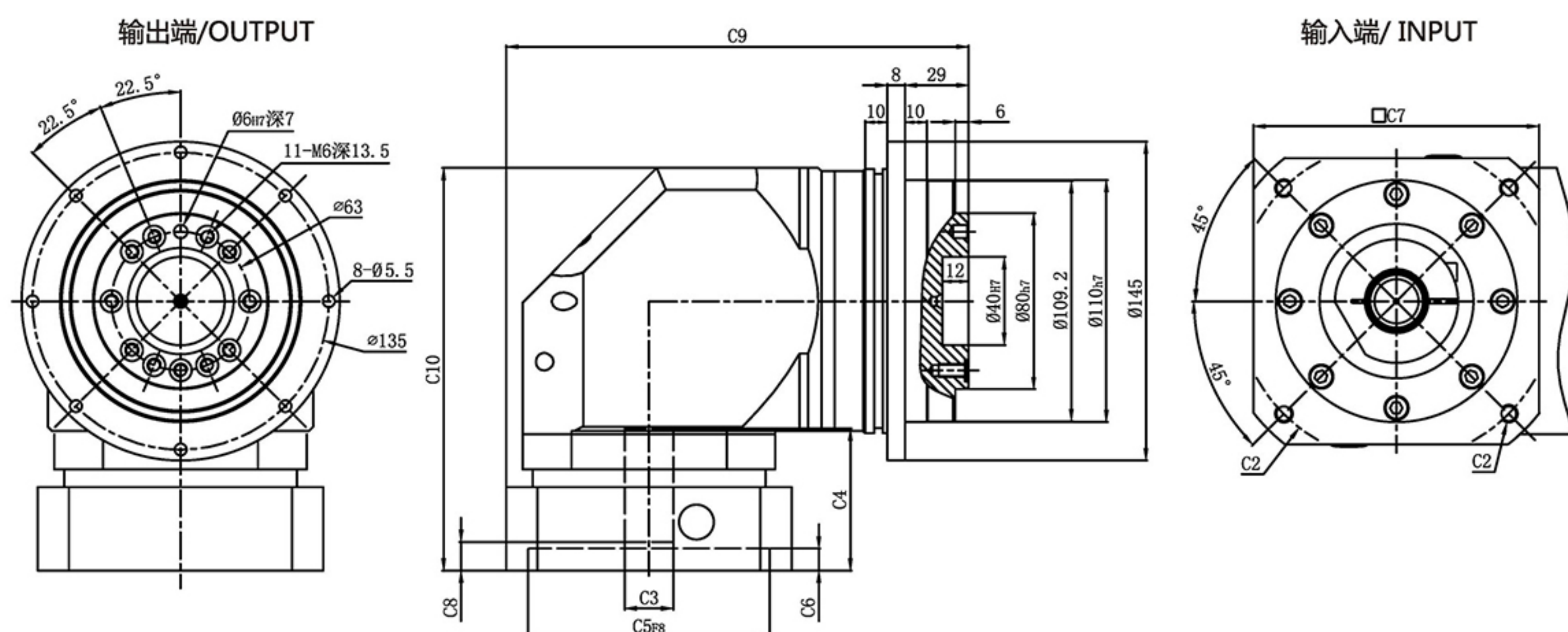
尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
ADR090-L1	φ 70	4-M4x10, 4-M5x12	≤ φ 14	47	φ 50	4	90	6.5	158.5	145.5
	φ 75	4-M4x12, 4-M5x12	≤ φ 14	47	φ 60	5.5	90	6.5	158.5	145.5
	φ 90	4-M5x15, 4-M6x15	≤ φ 19	47	φ 70	7	90	7.5	158.5	145.5
	φ 98.4	4-M5x15, 4-M6x15	≤ φ 14	47.5	φ 73	7	90	7.5	158.5	145.5
	φ 100	4-M6x15	≤ φ 19	47.5	φ 80	7	90	12.5	158.5	145.5
	φ 115	4-M8x20	≤ φ 24	59	φ 95	10	100	12.5	163.5	157.5
	φ 130	4-M8x20	≤ φ 24	59	φ 95	10	115	12.5	171	157.5
	φ 145	4-M8x20	≤ φ 24	59	φ 110	10	130	12.5	178.5	157.5
ADR090-L2	φ 145	4-M8x20	≤ φ 24	68	φ 110	10	130	21.5	178.5	166.5
	φ 70	4-M4x10, 4-M5x12	≤ φ 14	32	φ 50	5	60	6	153.5	122.5
	φ 75	4-M4x12, 4-M5x12	≤ φ 14	32	φ 60	5	66	6	156.5	122.5
	φ 90	4-M5x15, 4-M6x15	≤ φ 19	47	φ 70	7	90	7.5	192	145.5
	φ 98.4	4-M5x15, 4-M6x15	≤ φ 14	47.5	φ 73	7	90	7.5	192	145.5
	φ 100	4-M6x15	≤ φ 19	47.5	φ 80	7	90	12.5	192	145.5
	φ 115	4-M8x20	≤ φ 24	59	φ 95	10	100	12.5	197	157.5
	φ 130	4-M8x20	≤ φ 24	59	φ 95	10	115	12.5	204.5	157.5
	φ 145	4-M8x20	≤ φ 24	59	φ 110	10	130	12.5	212	157.5
	φ 145	4-M8x20	≤ φ 24	68	φ 110	10	130	21.5	212	166.5

* C1~C10是公制标准马达连接板之尺寸,可根据客户要求单独定做。

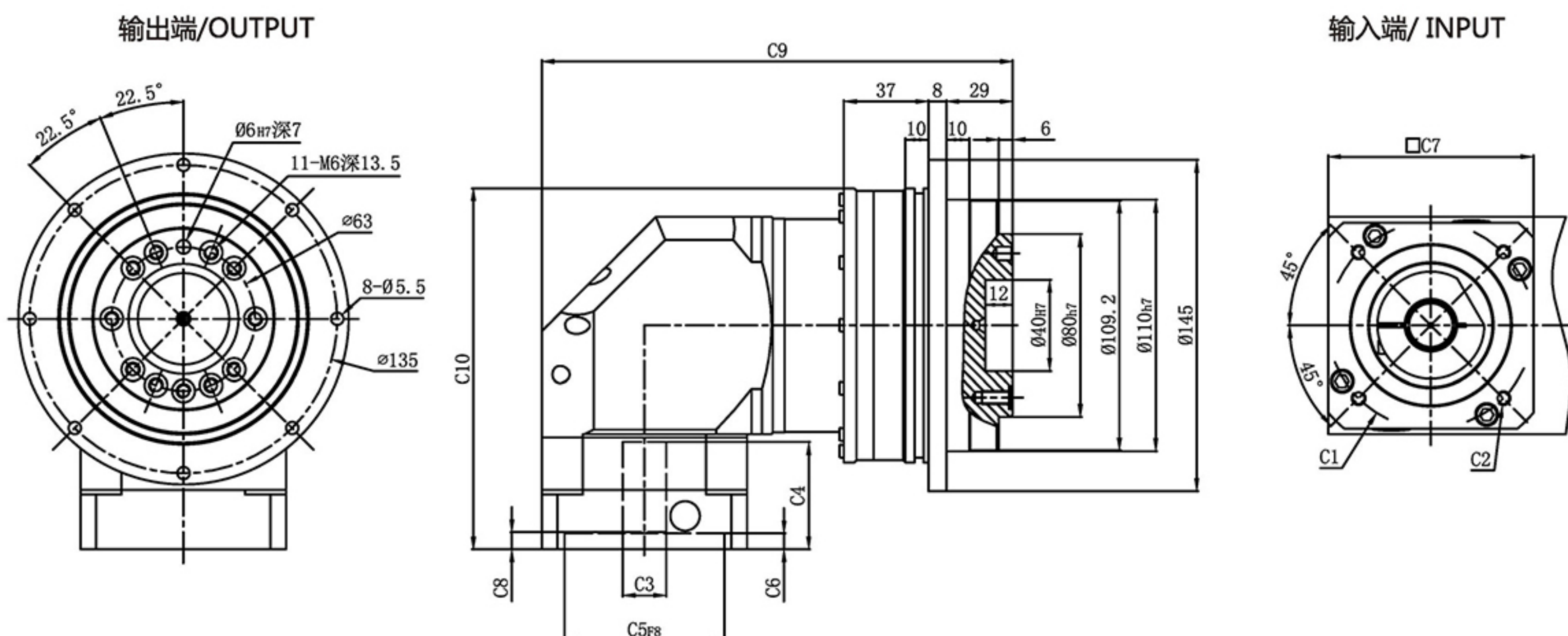
* C1~C10are motor (metric standard) specific dimensions, which could be customised.

外形尺寸图表 / OUTLINE DIMENSION SHEET

ADR110-L1



ADR110-L2



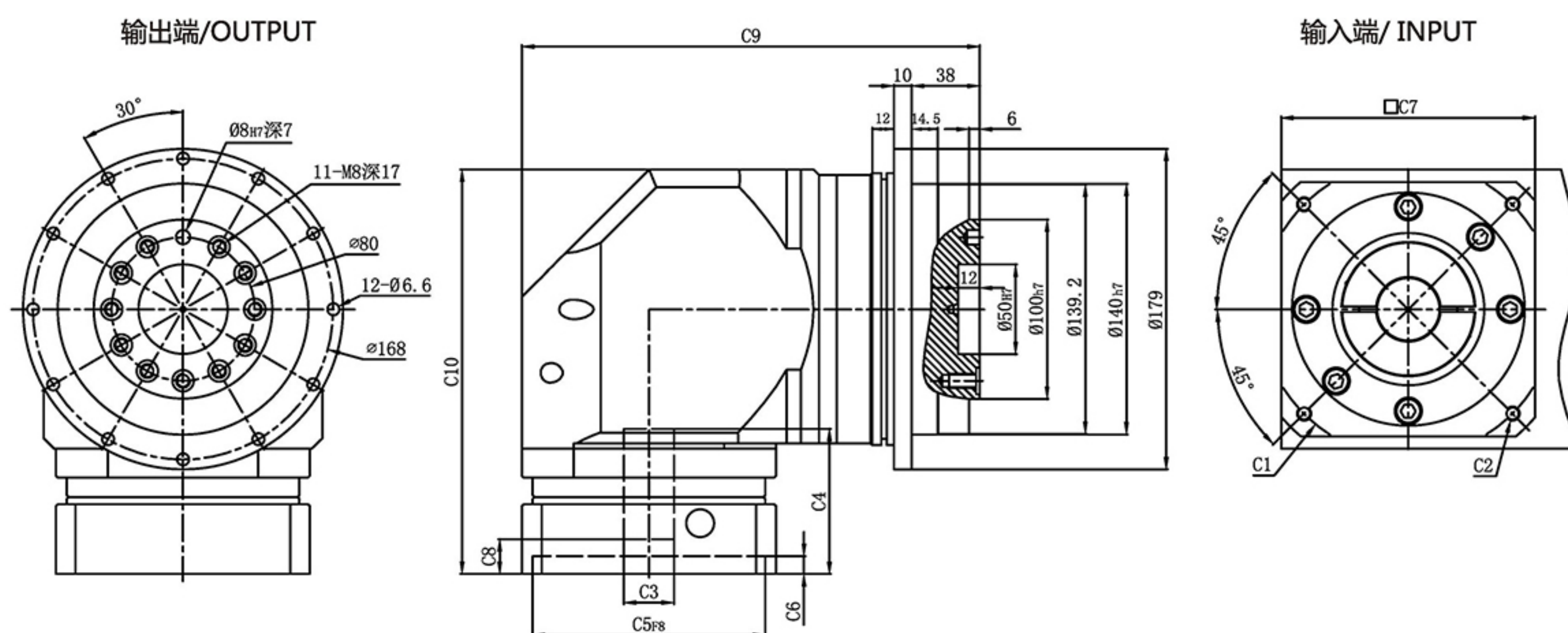
尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
ADR110-L1	φ 90	4-M5x15, 4-M6x15	≤ φ 19	62	φ 70	7	115	12	200	183
	φ 100	4-M6x15	≤ φ 19	62	φ 80	7	115	12	200	183
	φ 115	4-M8x20	≤ φ 24	62	φ 95	10	115	13	200	183
	φ 145	4-M8x20	≤ φ 24	62	φ 110	10	130	13	207.5	183
	φ 145	4-M8x20	≤ φ 24	71	φ 110	10	130	13	207.5	192
ADR110-L2	φ 90	4-M5x15, 4-M6x15	≤ φ 19	47	φ 70	7	90	7.5	206.5	158
	φ 100	4-M6x15	≤ φ 19	47	φ 80	7	90	7.5	206.5	158
	φ 115	4-M8x20	≤ φ 24	59	φ 95	10	115	12.5	219	170
	φ 145	4-M8x20	≤ φ 24	59	φ 110	10	130	12.5	226.5	170
	φ 145	4-M8x20	≤ φ 24	68	φ 110	10	130	21.5	226.5	179

* C1~C10是公制标准马达连接板之尺寸,可根据客户要求单独定做。

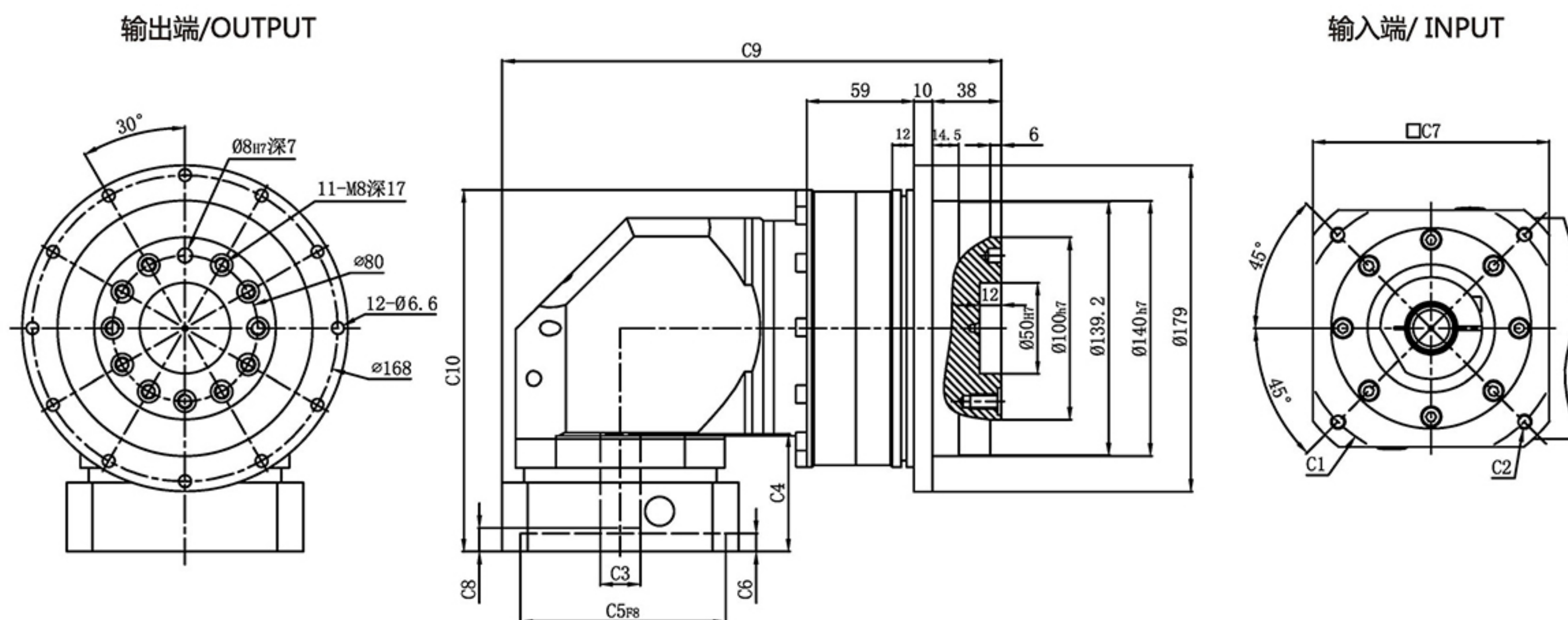
* C1~C10are motor (metric standard) specific dimensions, which could be customised.

外形尺寸图表 / OUTLINE DIMENSION SHEET

ADR140-L1



ADR140-L2



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
ADR140-L1	φ 145	4-M8x20	≤ φ 28	81	φ 110	10	142	19.5	256	226
	φ 165	4-M10x25, 4-M12x35	≤ φ 32	81	φ 130	10	142	19.5	256	226
	φ 200	4-M12x35	≤ φ 42	83	φ 114.3	8	180	21.5	275	228
	φ 200	4-M12x35	≤ φ 42	115	φ 114.3	8	180	53.5	275	260
ADR140-L2	φ 145	4-M8x25	≤ φ 24	62	φ 110	10	142	13	271.5	198.5
	φ 165	4-M10x30	≤ φ 28	62	φ 130	10	142	13	271.5	198.5

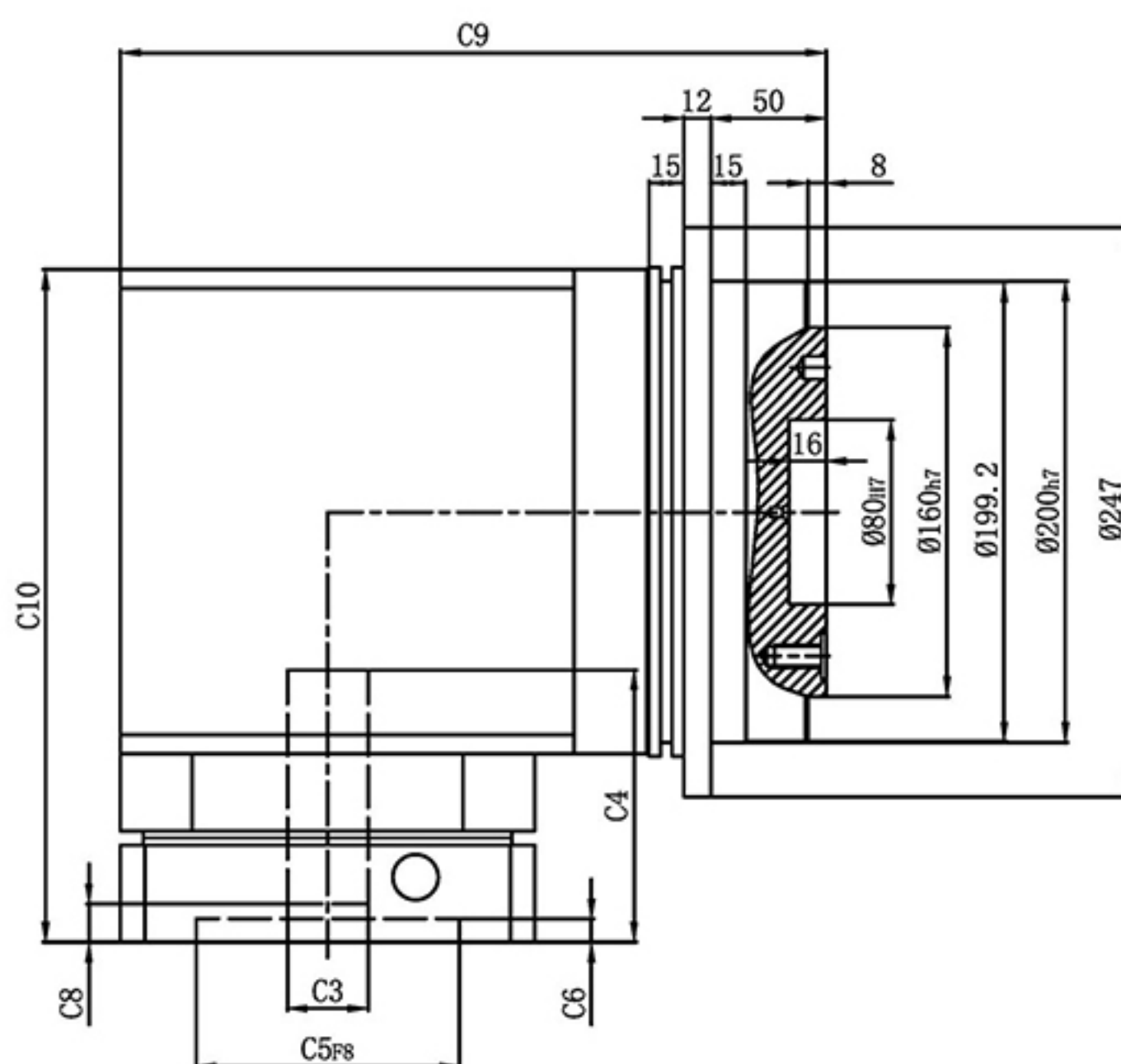
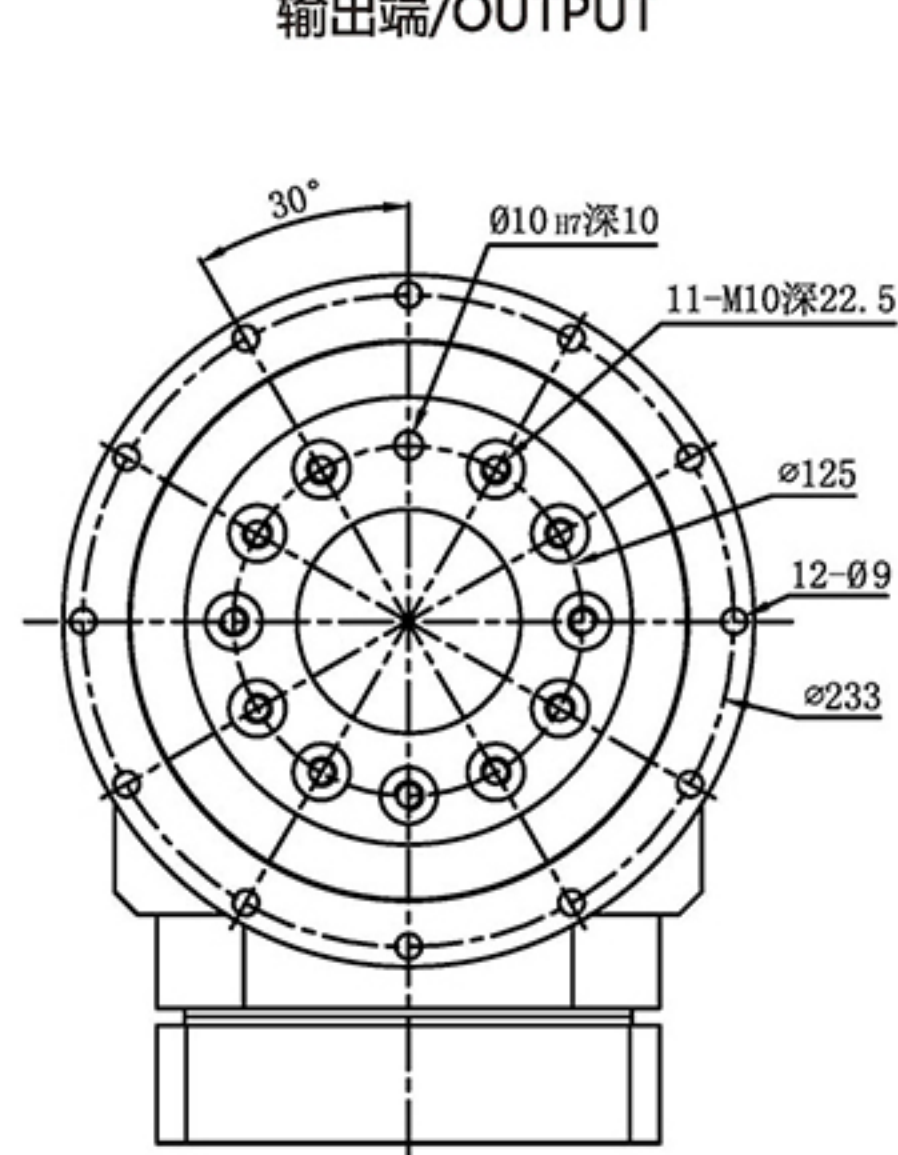
* C1~C10是公制标准马达连接板之尺寸,可根据客户要求单独定做。

* C1~C10are motor (metric standard) specific dimensions, which could be customised.

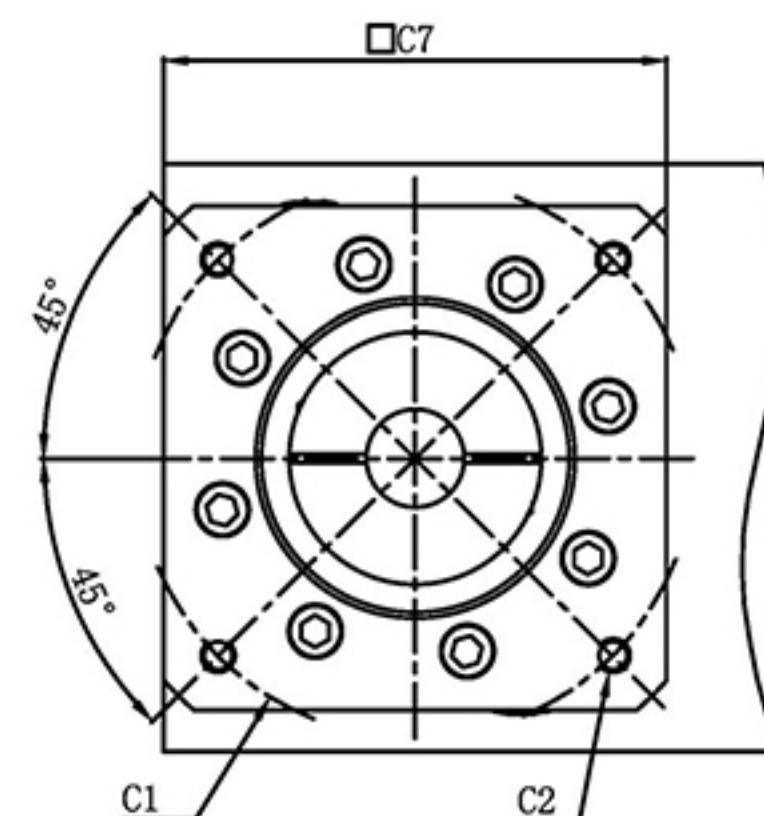
外形尺寸图表 / OUTLINE DIMENSION SHEET

ADR200-L1

输出端/OUTPUT

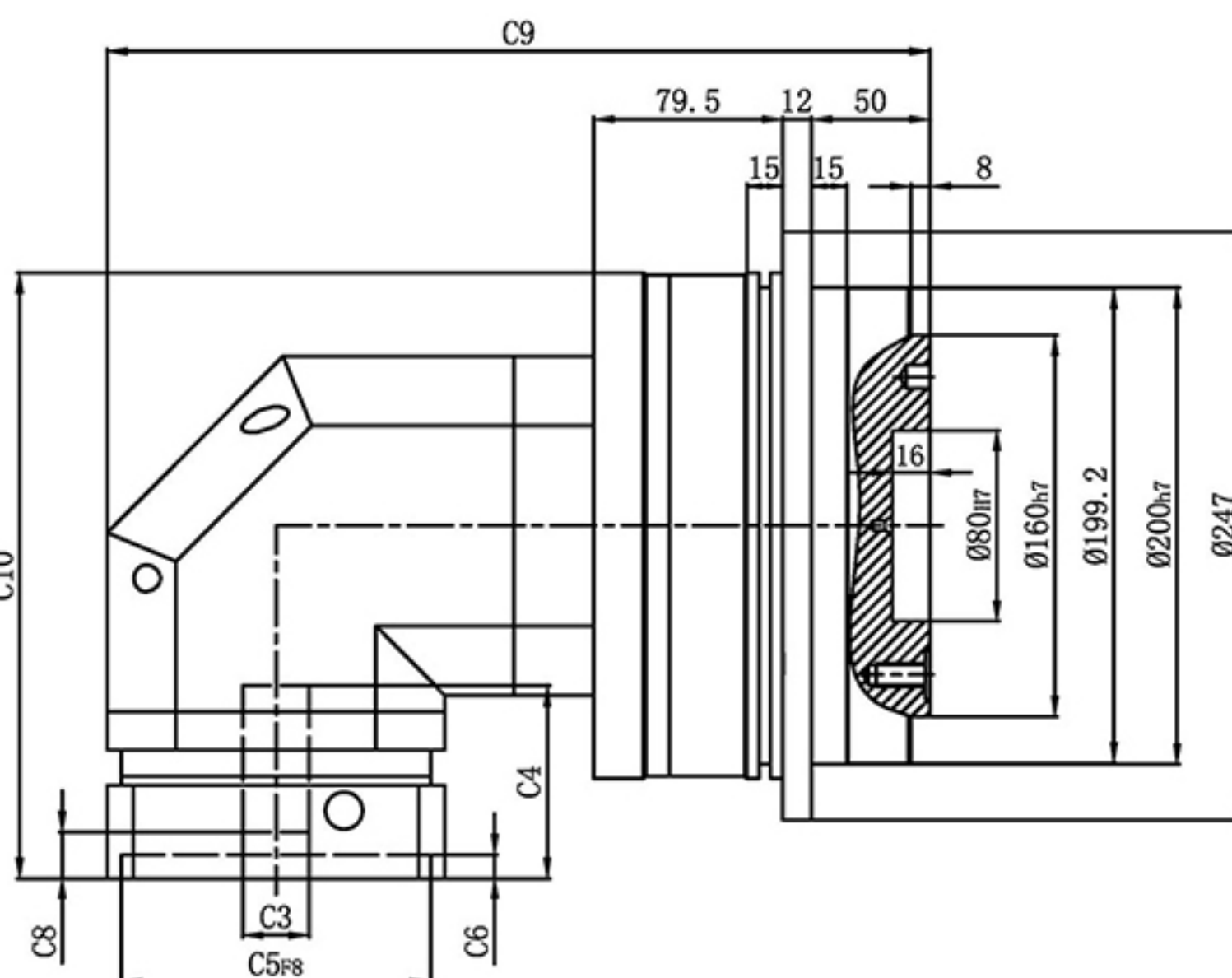
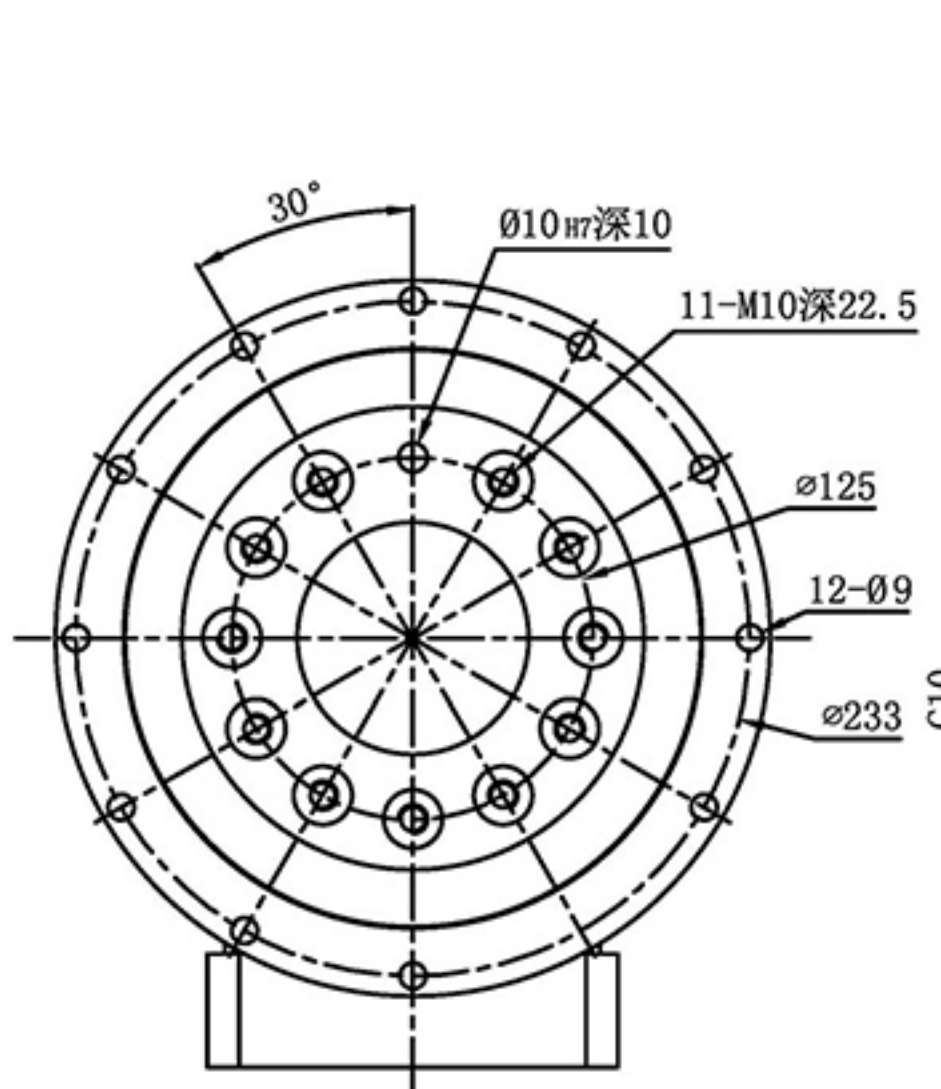


输入端/INPUT

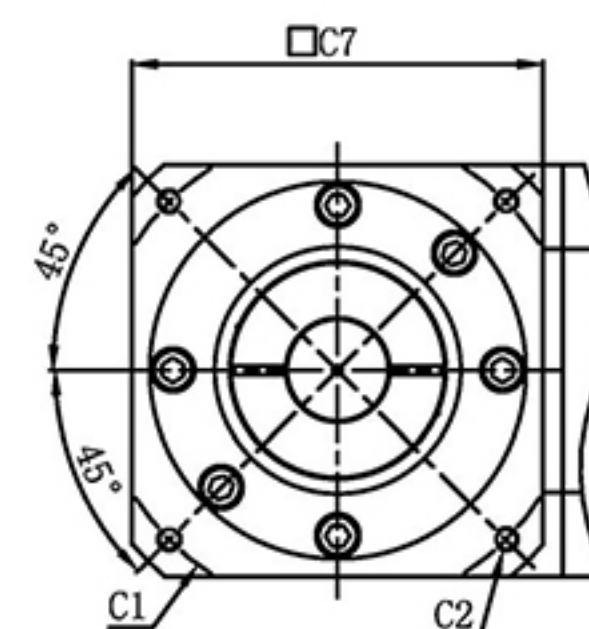


ADR200-L2

输出端/OUTPUT



输入端/INPUT



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
ADR200-L1	φ 165	4-M10x25, 4-M12x35	≤ φ 32	118	φ 130	10	180	16.5	306.5	291.5
	φ 200	4-M12x35	≤ φ 42	118	φ 114.3	10	180	16.5	306.5	291.5
	φ 215	4-M14x35	≤ φ 42	118	φ 180	10	190	16.5	311.5	291.5
	φ 235	4-M10x30, 4-M14x35	≤ φ 55	150	φ 200	10	220	48.5	326.5	323.5
ADR200-L2	φ 130	4-M8x20	≤ φ 24	81	φ 110	10	142	19.5	346	254
	φ 145	4-M8x20	≤ φ 24	81	φ 110	10	142	19.5	346	254
	φ 165	4-M10x25, 4-M12x35	≤ φ 32	81	φ 130	10	142	19.5	346	254
	φ 200	4-M12x35	≤ φ 42	83	φ 114.3	8	180	21.5	365	256
	φ 200	4-M10x25, 4-M12x35	≤ φ 42	115	φ 114.3	8	180	53.5	365	288
	φ 215	4-M14x35	≤ φ 42	83	φ 180	8	190	21.5	370	256

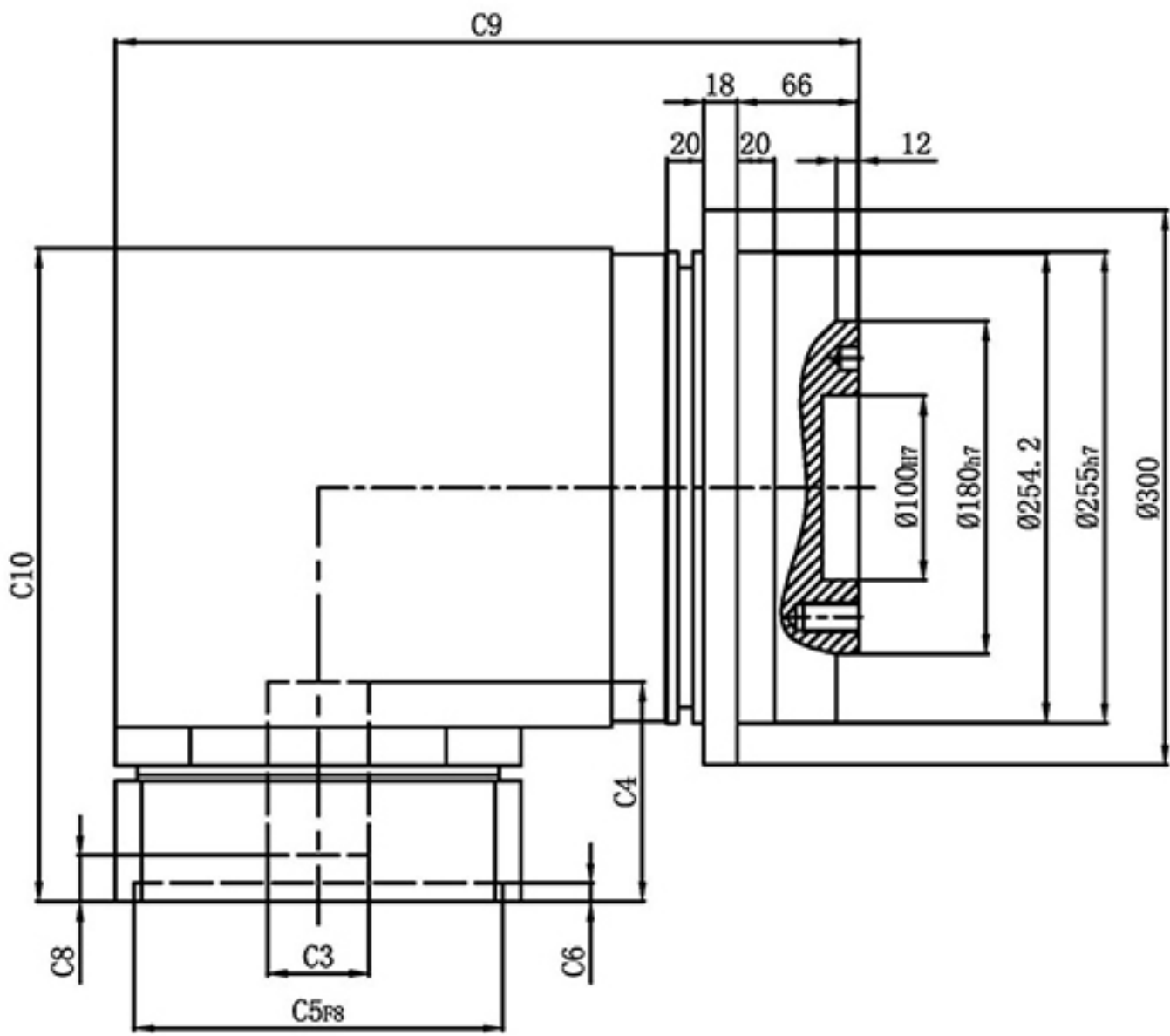
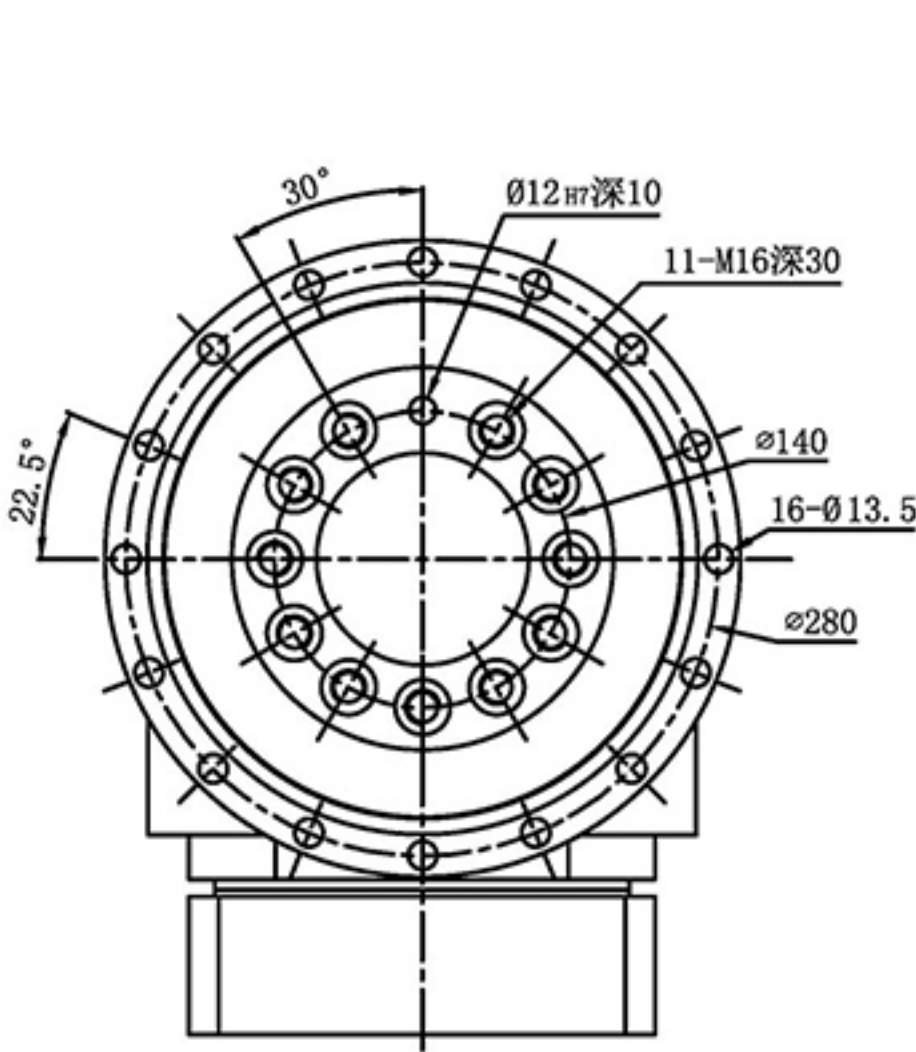
* C1~C10是公制标准马达连接板之尺寸,可根据客户要求单独定做。

* C1~C10are motor (metric standard) specific dimensions, which could be customised.

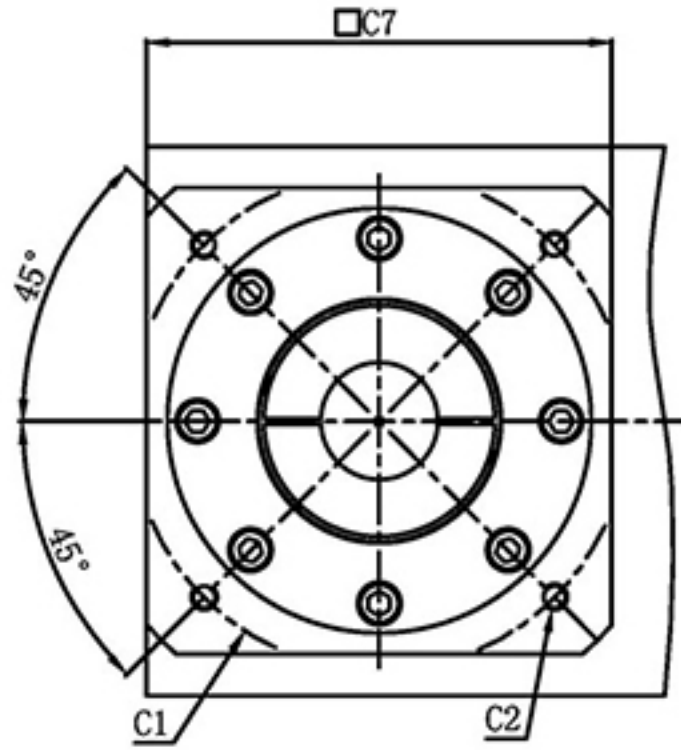
外形尺寸图表 / OUTLINE DIMENSION SHEET

ADR255-L1

输出端/OUTPUT

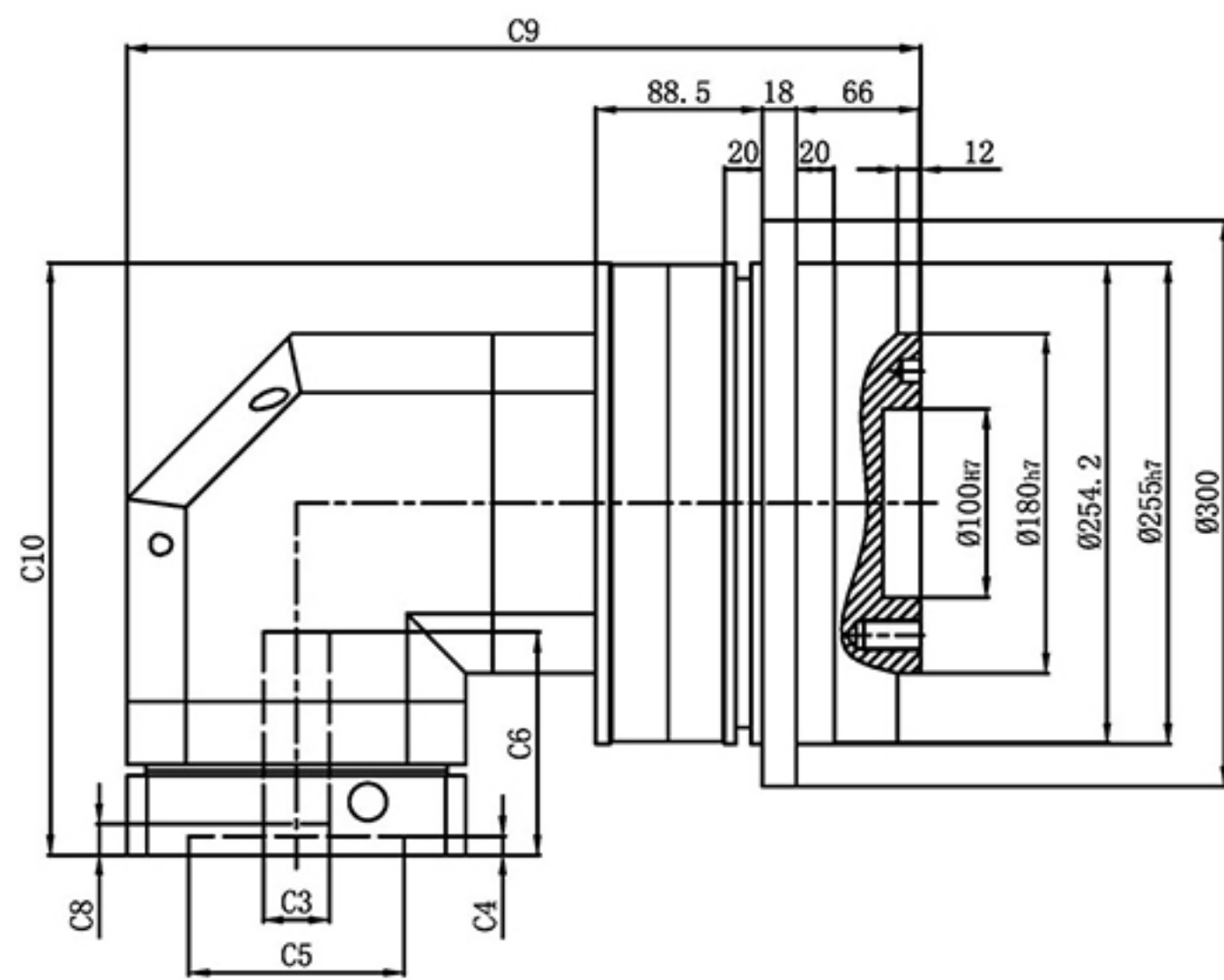
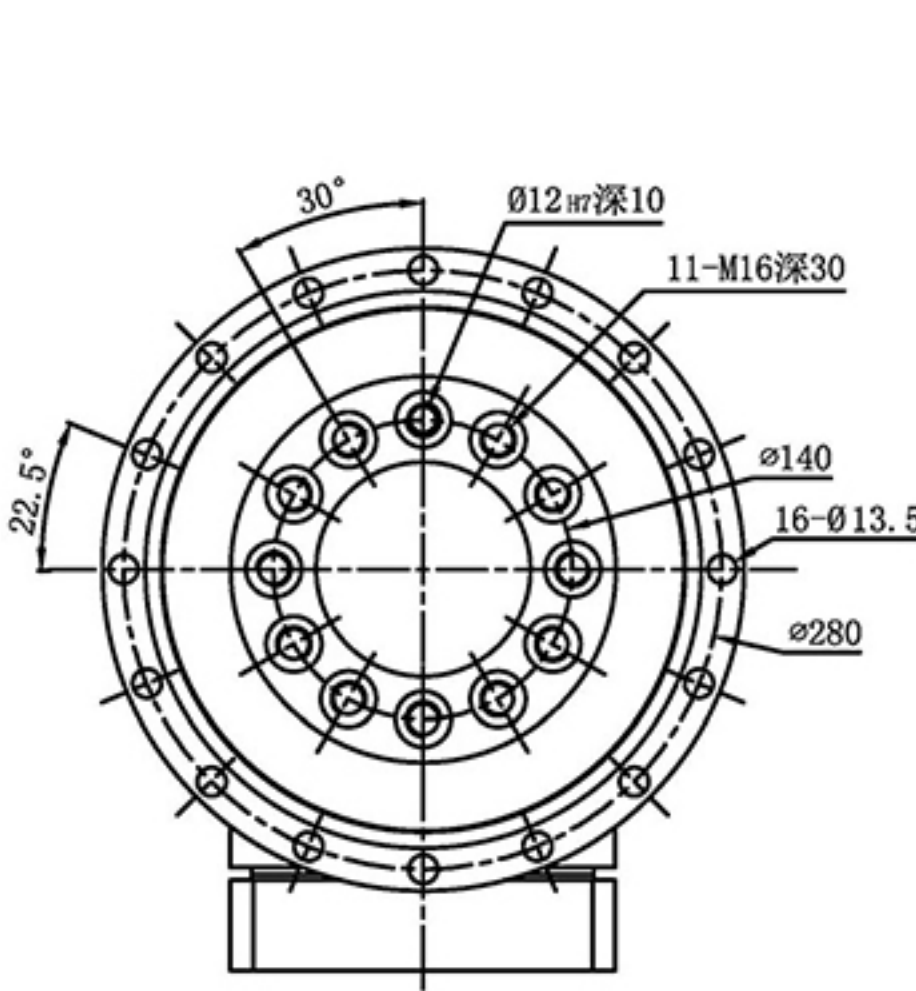


输入端/INPUT

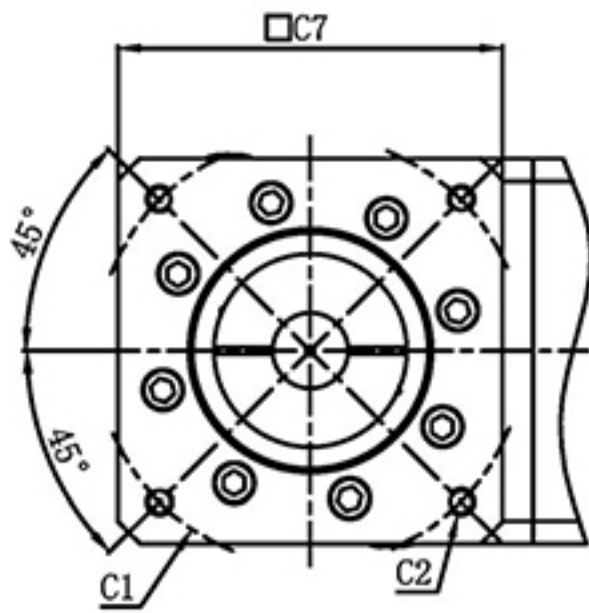


ADR255-L2

输出端/OUTPUT



输入端/INPUT



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
ADR255-L1	φ 200	4-M12x35	≤ φ 42	119	φ 114.3	10	220	27	403	353.5
	φ 215	4-M14x35	≤ φ 42	119	φ 180	10	220	27	403	353.5
	φ 235	4-M12x35, 4-M14x35	≤ φ 55	119	φ 200	10	220	27	403	353.5
ADR255-L2	φ 165	4-M10x25, 4-M12x35	≤ φ 32	118	φ 130	10	180	16.5	421.5	314
	φ 200	4-M12x35	≤ φ 42	118	φ 114.3	10	180	16.5	421.5	314
	φ 215	4-M12x35, 4-M14x35	≤ φ 42	118	φ 180	10	190	16.5	426.5	314
	φ 235	4-M12x35, 4-M14x35	≤ φ 55	150	φ 200	10	220	48.5	441.5	346

* C1~C10是公制标准马达连接板之尺寸,可根据客户要求单独定做。
* C1~C10are motor (metric standard) specific dimensions, which could be customised.

锁紧扭力表 / Tightening Torque Table

螺丝尺寸 Screw size	六角头尺寸 Six hexagon head size	强度8.8螺丝之锁紧扭力 Strength of 8.8 screw locking torque		强度10.9螺丝之锁紧扭力 Strength of 10.9 screw locking torque		强度12.9螺丝之锁紧扭力 Strength of 12.9 screw locking torque	
	(mm)	(N.m)	(In-lbs)	(N.m)	(In-lbs)	(N.m)	(In-lbs)
M3*0.5P	2.5	1.3	12	1.8	16	2.1	19
M4*0.7P	3	3	27	4.1	37	4.9	44
M5*0.8P	4	6.1	55	8.2	73	9.8	87
M6*1.0P	5	11	98	14	124	17	151
M8*1.25P	6	25	222	34	302	41	364
M10*1.25P	8	49	434	67	594	80	709
M12*1.75P	10	85	753	116	1028	139	1232
M14*2.0P	12	137	1214	186	1648	223	1976
M16*2.0P	14	210	1860	286	2534	343	3038

减速机型号 Reducer type	马达轴径 The motor shafe diameter	螺丝尺寸 规格 Screw size	六角头尺寸 Six hexagon head size	锁紧扭力 Tightening torque	
	(mm)	(mm)	(mm)	(N.m)	(In-lbs)
ABZ060	≤14	M5*0.8P	4	9.8	87
	≤19	M6*1.0P	5	17	151
ABZ090	≤19	M6*1.0P	5	17	151
	≤24	M8*1.25P	6	25	222
ABZ115	≤19	M6*1.0P	5	17	151
	≤35	M8*1.25P	6	25	222

减速机型号 Reducer type	马达轴径 The motor shafe diameter	螺丝尺寸 规格 Screw size	六角头尺寸 Six hexagon head size	锁紧扭力 Tightening torque	
	(mm)	(mm)	(mm)	(N.m)	(In-lbs)
ABRZ060	≤14	M5*0.8P	4	9.8	87
	≤19	M6*1.0P	5	17	151
ABRZ090	≤19	M6*1.0P	5	17	151
	≤24	M8*1.25P	6	25	222
ABRZ115	≤19	M6*1.0P	5	17	151
	≤35	M8*1.25P	6	25	222

减速机型号 Reducer type	马达轴径 The motor shafe diameter	螺丝尺寸 规格 Screw size	六角头尺寸 Six hexagon head size	锁紧扭力 Tightening torque	
	(mm)	(mm)	(mm)	(N.m)	(In-lbs)
AB042	≤8	M3*0.7P	2.5	2.1	19
AB060	≤14	M5*0.8P	4	9.8	87
	≤19	M6*1.0P	5	17	151
AB090	≤19	M6*1.0P	5	17	151
	≤24	M8*1.25P	6	25	222
AB115	≤19	M6*1.0P	5	17	151
	≤35	M8*1.25P	6	25	222
AB142	≤35	M8*1.25P	6	25	222
AB180	≤55	M10*1.5P	8	85	753
AB220	≤55	M10*1.5P	8	85	753

减速机型号 Reducer type	马达轴径 The motor shafe diameter	螺丝尺寸 规格 Screw size	六角头尺寸 Six hexagon head size	锁紧扭力 Tightening torque	
	(mm)	(mm)	(mm)	(N.m)	(In-lbs)
ABR042	≤8	M3*0.7P	2.5	2.1	19
ABR060	≤14	M5*0.8P	4	9.8	87
	≤19	M6*1.0P	5	17	151
ABR090	≤19	M6*1.0P	5	17	151
	≤24	M8*1.25P	6	25	222
ABR115	≤19	M6*1.0P	5	17	151
	≤35	M8*1.25P	6	25	222
ABR142	≤35	M8*1.25P	6	25	222
ABR180	≤55	M10*1.5P	8	85	753
ABR220	≤55	M10*1.5P	8	85	753

减速机型号 Reducer type	马达轴径 The motor shafe diameter	螺丝尺寸 规格 Screw size	六角头尺寸 Six hexagon head size	锁紧扭力 Tightening torque	
	(mm)	(mm)	(mm)	(N.m)	(In-lbs)
PAD047	≤8	M3*0.7P	2.5	2.1	19
PAD064	≤14	M4*0.7P	3	4.9	44
PAD090	≤14	M4*0.7P	3	4.9	44
	≤24	M6*1.0P	5	17	151
PAD110	≤24	M8*1.25P	6	25	222
PAD140	≤35	M8*1.25P	6	41	360
PAD200	≤42	M10*1.5P	8	85	753
PAD255	≤55	M10*1.5P	8	85	753

减速机型号 Reducer type	马达轴径 The motor shafe diameter	螺丝尺寸 规格 Screw size	六角头尺寸 Six hexagon head size	锁紧扭力 Tightening torque	
	(mm)	(mm)	(mm)	(N.m)	(In-lbs)
PADR047	≤8	M3*0.7P	2.5	2.1	19
PADR064	≤14	M4*0.7P	3	4.9	44
PADR090	≤14	M4*0.7P	3	4.9	44
	≤24	M6*1.0P	5	17	151
PADR110	≤24	M8*1.25P	6	25	222
PADR140	≤35	M8*1.25P	6	41	360
PADR200	≤42	M10*1.5P	8	85	753
PADR255	≤55	M10*1.5P	8	85	753