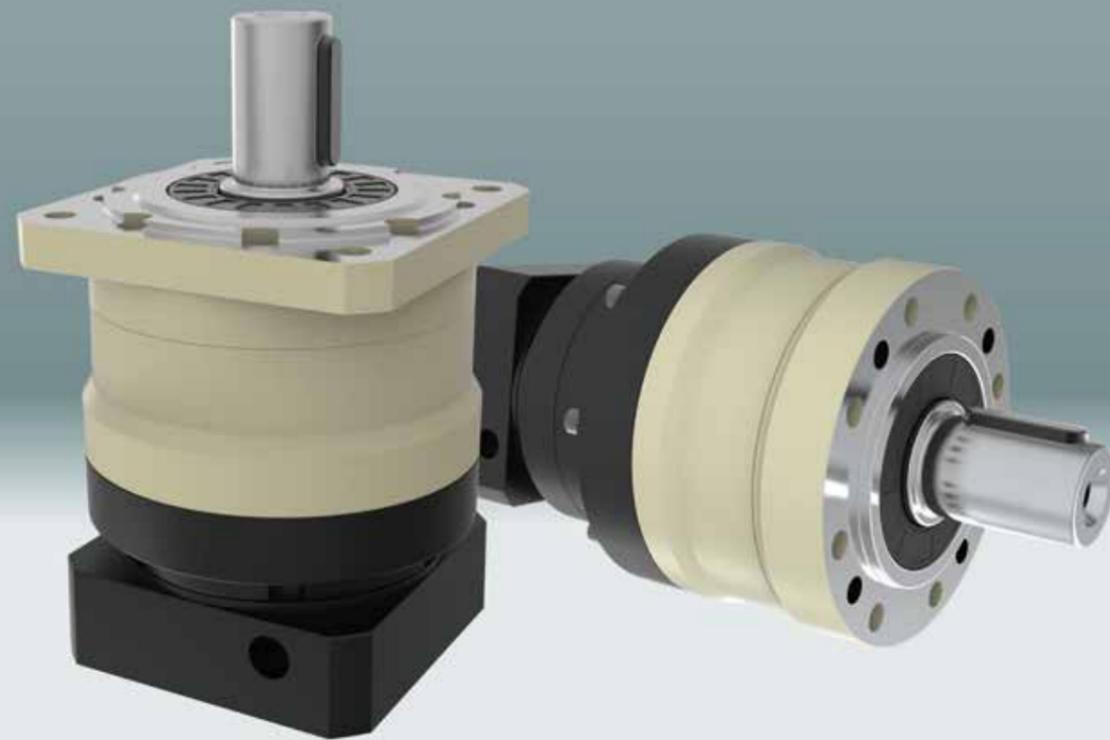
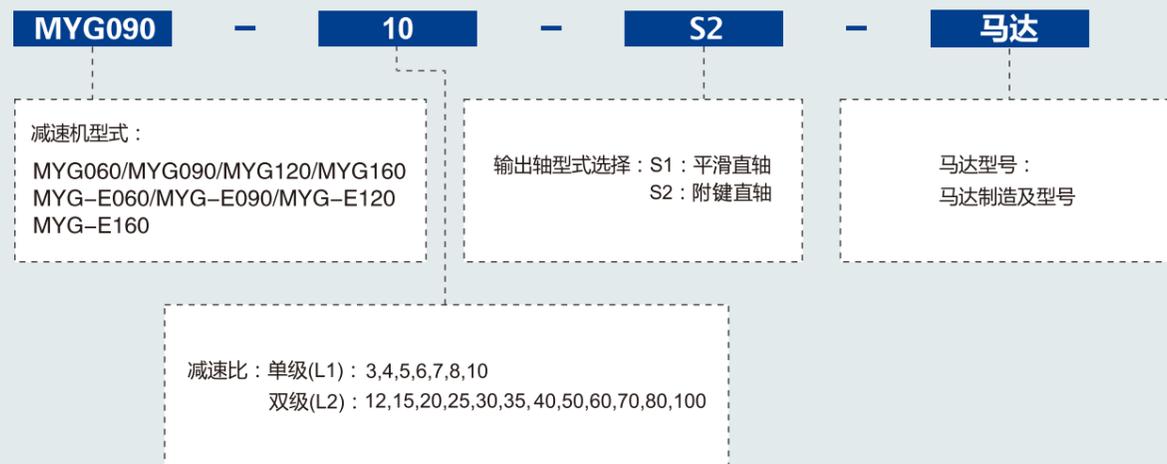


MYG/MYG-E SERIES

精密行星减速机



型号说明 MODEL ILLUMINATE



选型范例：MYG090-10/MHMD-082G1U

创新 + 质量 + 服务

性能 -MYG/MYG-E 减速机

规格	级数	减速比 ¹	MYG060 MYG-E060	MYG090 MYG-E090	MYG120 MYG-E120	MYG160 MYG-E160
额定输出力矩 T_{2N}	1	3	55	130	208	342
		4	50	140	290	542
		5	60	160	330	650
		6	55	150	310	600
		7	50	140	300	550
		8	45	120	260	500
		10	40	100	230	450
		12	55	130	208	342
		15	55	130	208	342
	2	20	50	140	290	542
		25	60	160	330	650
		30	55	130	208	342
		35	60	160	330	650
		40	50	140	290	542
		50	60	160	330	650
		60	55	150	310	600
		70	50	140	300	550
		80	45	120	260	500
100	40	100	230	450		
最大输出力矩 T_{2B}	Nm	1,2	3倍额定输出力矩			
额定输入转速 n_1	rpm	1,2	5,000	4,000	4,000	3,000
最大输入转速 n_{1B}	rpm	1,2	10,000	8,000	8,000	6,000
背隙	arcmin	1	≤8	≤8	≤8	≤8
		2	12~100	≤10	≤10	≤10
扭转刚性	Nm/arcmin	1,2	3~100	7	14	25
容许径向力 F_{2rB}^2	N	1,2	3~100	1,530	3,250	6,700
容许轴向力 F_{2a1B}^2	N	1,2	3~100	630	1,300	3,000
容许轴向力 F_{2a2B}^2	N	1,2	3~100	765	1,625	3,350
使用寿命	hr	1,2	3~100	20,000*		
效率 η	%	1	3~10	≥97%		
		2	12~100	≥94%		
重量	kg	1	3~10	1.3	3.7	7.8
		2	12~100	1.9	4.1	9
使用温度	°C	1,2	3~100	-10°C~+90°C		
润滑		1,2	3~100	合成润滑油脂		
防护等级		1,2	3~100	IP65		
安装方向		1,2	3~100	任意方向		
噪音值 ($n_1=3000\text{rpm}$)	dB	1,2	3~100	≤58	≤60	≤63

惯量 -MYG/MYG-E 减速机

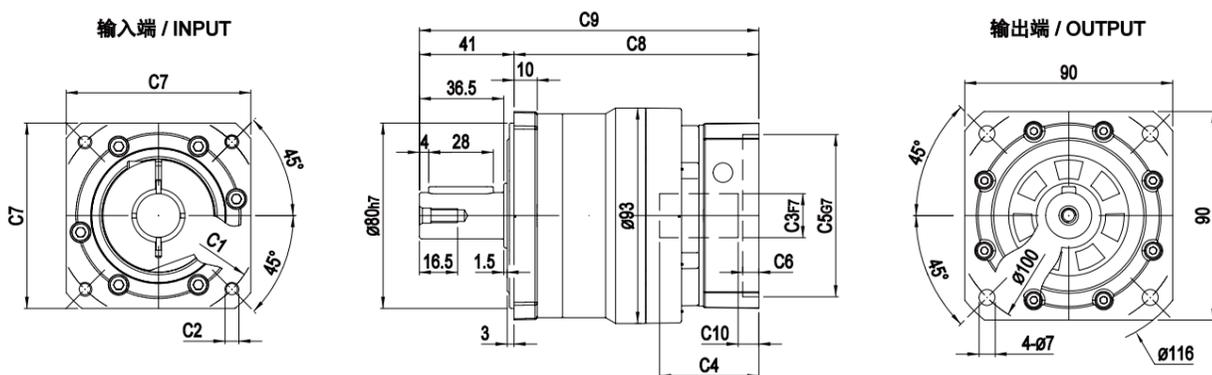
规格	级数	减速比 ¹	MYG060 MYG-E060	MYG090 MYG-E090	MYG120 MYG-E120	MYG160 MYG-E160
转动惯量 J_1	1	3	0.16	0.61	3.25	9.21
		4	0.14	0.48	2.74	7.54
		5	0.13	0.47	2.71	7.42
		6	0.13	0.45	2.65	7.25
		7	0.13	0.45	2.62	7.14
		8	0.13	0.44	2.58	7.07
		10	0.13	0.44	2.57	7.03
		12	0.03	0.13	0.47	2.71
		15	0.03	0.13	0.47	2.71
	2	20	0.03	0.13	0.47	2.71
		25	0.03	0.13	0.47	2.71
		30	0.03	0.13	0.47	2.71
		35	0.03	0.13	0.47	2.71
		40	0.03	0.13	0.47	2.71
		50	0.03	0.13	0.44	2.57
		60	0.03	0.13	0.44	2.57
		70	0.03	0.13	0.44	2.57
		80	0.03	0.13	0.44	2.57
100	0.03	0.13	0.44	2.57		

1. 减速比 ($i=N_{in}/N_{out}$)
* 连续运转降低使用寿命二分之一。

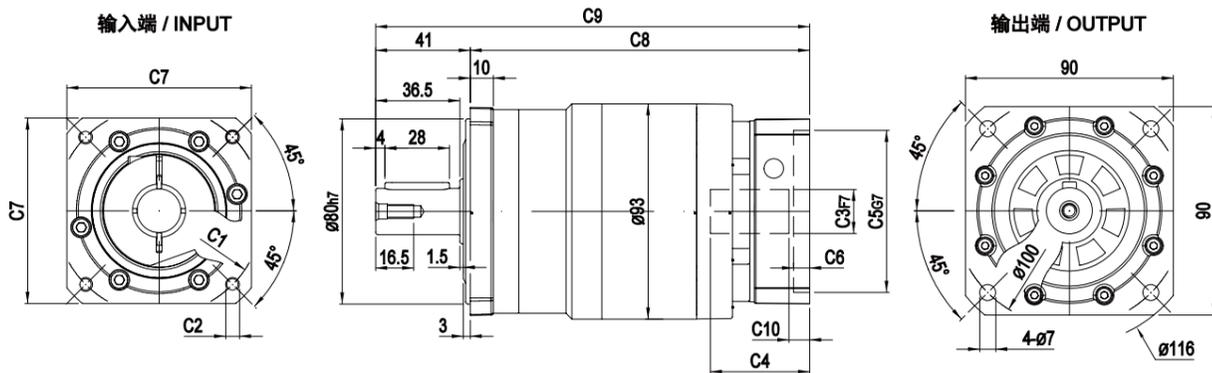
2. 输出转速 100rpm 时，作用于输出轴中心位置。

外形尺寸图 / OUTLINE DIMENSION SHEET

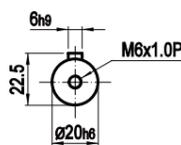
MYG-090-L1



MYG-090-L2



输出轴径 / Output Diameter

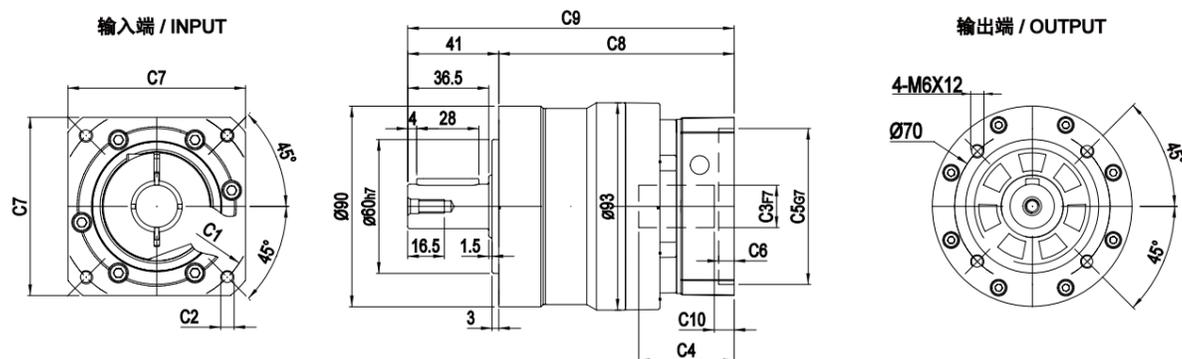


尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
MYG-090-L1	Ø90	4-M5x15, 4-M6x15	Ø19	43	Ø70	7	80	106	147	9
	Ø100	4-M6x15	Ø16, Ø19	43	Ø80	7	86	106	147	9
	Ø115	4-M8x20	Ø19, Ø22, Ø24	56.5	Ø95	10	100	122.5	163.5	17.5
	Ø145	4-M8x20	Ø19, Ø22, Ø24	60	Ø110	8	130	126	167	21
MYG-090-L2	Ø90	4-M5x15, 4-M6x15	Ø19	43	Ø70	7	80	147	188	9
	Ø100	4-M6x15	Ø16, Ø19	43	Ø80	7	86	147	188	9
	Ø115	4-M8x20	Ø19, Ø22, Ø24	56.5	Ø95	10	100	163.5	204.5	17.5
	Ø145	4-M8x20	Ø19, Ø22, Ø24	60	Ø110	8	130	167	208	21

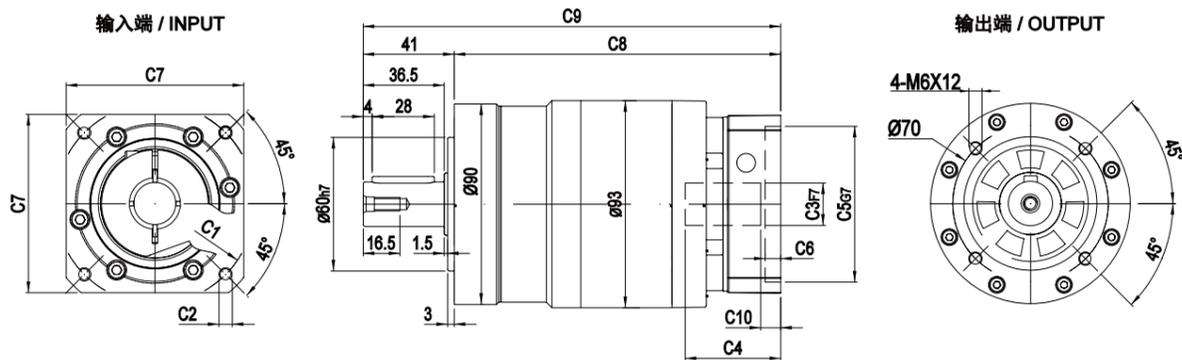
* C1-C7是公制标准马达连接板之尺寸, 可根据客户要求单独定做。
* C1-C7 are motor (metric standard) specific dimensions, which could be customised.

外形尺寸图 / OUTLINE DIMENSION SHEET

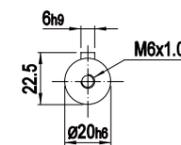
MYG-E-090-L1



MYG-E-090-L2



输出轴径 / Output Diameter

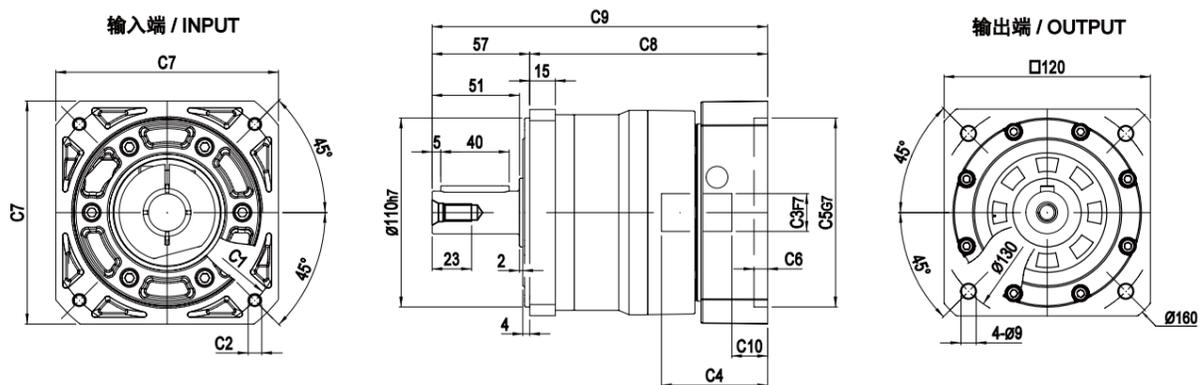


尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
MYG-E-090-L1	Ø90	4-M5x15, 4-M6x15	Ø19	43	Ø70	7	80	106	147	9
	Ø100	4-M6x15	Ø16, Ø19	43	Ø80	7	86	106	147	9
	Ø115	4-M8x20	Ø19, Ø22, Ø24	56.5	Ø95	10	100	122.5	163.5	17.5
	Ø145	4-M8x20	Ø19, Ø22, Ø24	60	Ø110	8	130	126	167	21
MYG-E-090-L2	Ø90	4-M5x15, 4-M6x15	Ø19	43	Ø70	7	80	147	188	9
	Ø100	4-M6x15	Ø16, Ø19	43	Ø80	7	86	147	188	9
	Ø115	4-M8x20	Ø19, Ø22, Ø24	56.5	Ø95	10	100	163.5	204.5	17.5
	Ø145	4-M8x20	Ø19, Ø22, Ø24	60	Ø110	8	130	167	208	21

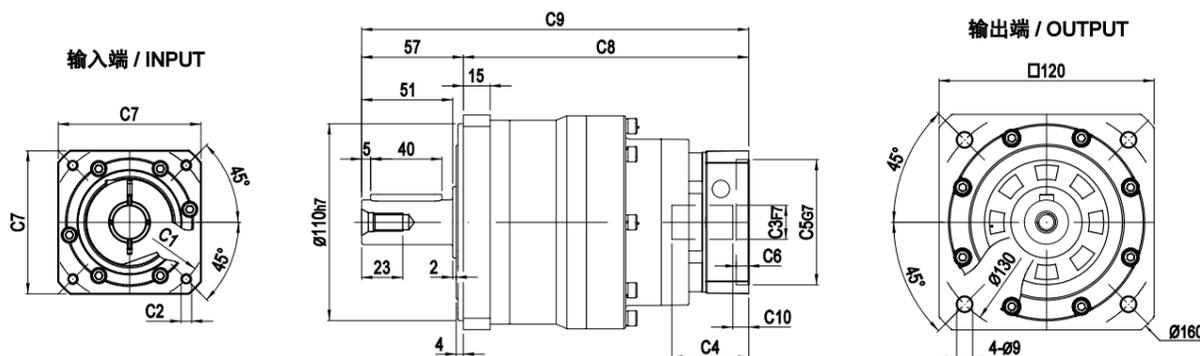
* C1-C7是公制标准马达连接板之尺寸, 可根据客户要求单独定做。
* C1-C7 are motor (metric standard) specific dimensions, which could be customised.

外形尺寸图 / OUTLINE DIMENSION SHEET

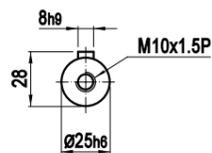
MYG-120-L1



MYG-120-L2



输出轴径 / Output Diameter

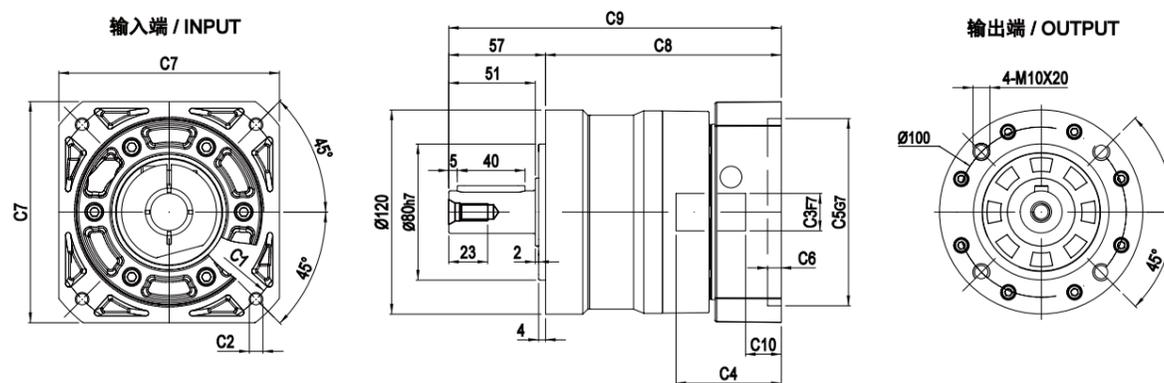


尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
MYG-120-L1	$\varnothing 145$	4-M8x20	$\varnothing 19, \varnothing 22, \varnothing 24$	62	$\varnothing 110$	8	130	139	196	21
	$\varnothing 200$	4-M12x30	$\varnothing 35$	82	$\varnothing 114.3$	10	200	159	216	28
MYG-120-L2	$\varnothing 90$	4-M5x15, 4-M6x15	$\varnothing 19$	43	$\varnothing 70$	7	80	160	217	9
	$\varnothing 100$	4-M6x15	$\varnothing 16, \varnothing 19$	43	$\varnothing 80$	7	86	160	217	9
	$\varnothing 115$	4-M8x20	$\varnothing 19, \varnothing 22, \varnothing 24$	56.5	$\varnothing 95$	10	100	176.5	233.5	17.5
	$\varnothing 145$	4-M8x20	$\varnothing 19, \varnothing 22, \varnothing 24$	60	$\varnothing 110$	8	130	180	237	21

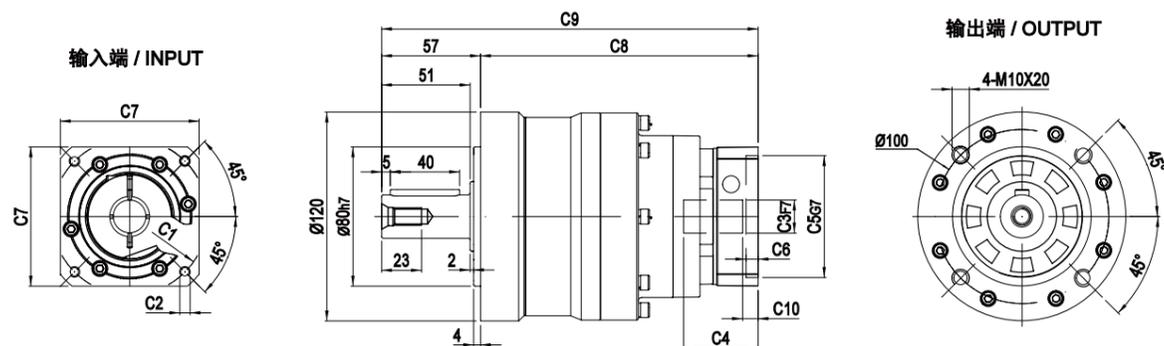
* C1~C7是公制标准马达连接板之尺寸, 可根据客户要求单独定做。
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外形尺寸图 / OUTLINE DIMENSION SHEET

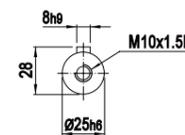
MYG-E-120-L1



MYG-E-120-L2



输出轴径 / Output Diameter

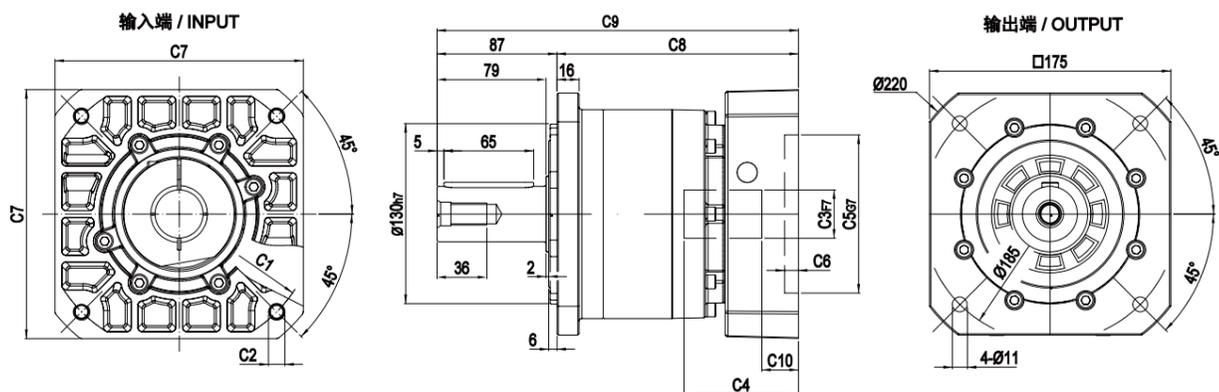


尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
MYG-E-120-L1	$\varnothing 145$	4-M8x20	$\varnothing 19, \varnothing 22, \varnothing 24$	62	$\varnothing 110$	8	130	139	196	21
	$\varnothing 200$	4-M12x30	$\varnothing 35$	82	$\varnothing 114.3$	10	200	159	216	28
MYG-E-120-L2	$\varnothing 90$	4-M5x15, 4-M6x15	$\varnothing 19$	43	$\varnothing 70$	7	80	160	217	9
	$\varnothing 100$	4-M6x15	$\varnothing 16, \varnothing 19$	43	$\varnothing 80$	7	86	160	217	9
	$\varnothing 115$	4-M8x20	$\varnothing 19, \varnothing 22, \varnothing 24$	56.5	$\varnothing 95$	10	100	176.5	233.5	17.5
	$\varnothing 145$	4-M8x20	$\varnothing 19, \varnothing 22, \varnothing 24$	60	$\varnothing 110$	8	130	180	237	21

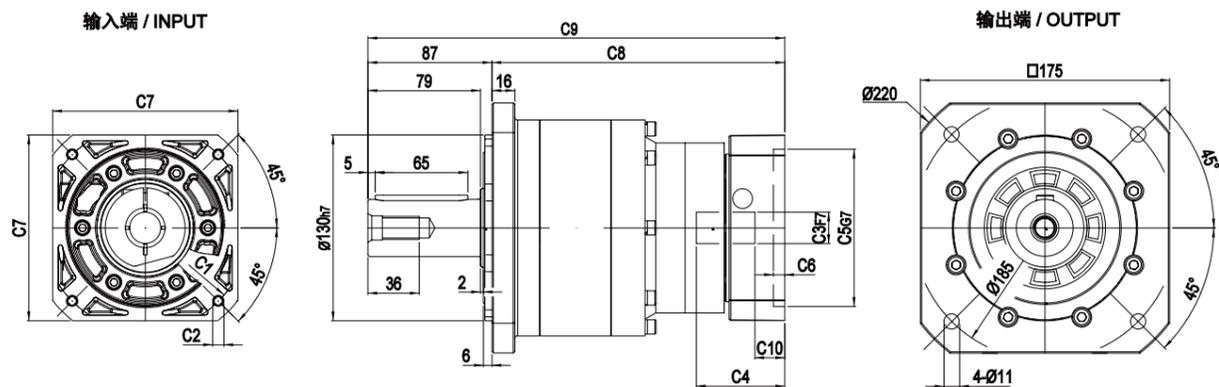
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外形尺寸图 / OUTLINE DIMENSION SHEET

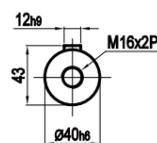
MYG-160-L1



MYG-160-L2



输出轴径 / Output Diameter

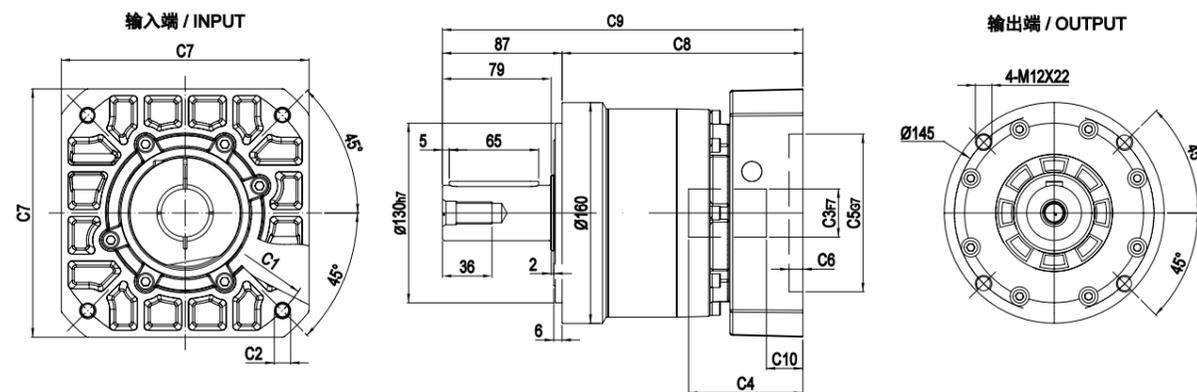


尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
MYG-160-L1	$\phi 145$	4-M8x20	$\phi 22, \phi 24$	72	$\phi 110$	10	130	164	251	20.5
	$\phi 200$	4-M12x30	$\phi 35$	83	$\phi 114.3$	10	180	175	262	26.5
MYG-160-L2	$\phi 145$	4-M8x20	$\phi 19, \phi 22, \phi 24$	62	$\phi 110$	8	130	205.5	292.5	21
	$\phi 200$	4-M12x30	$\phi 35$	82	$\phi 114.3$	10	180	225.5	312.5	28

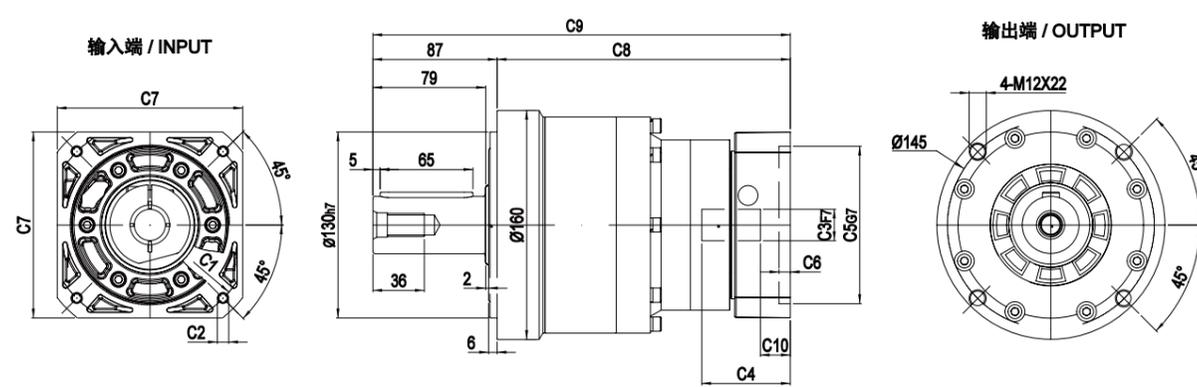
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* C1~C7 are motor(metric standard) specific dimensions, which could be customised.

外形尺寸图 / OUTLINE DIMENSION SHEET

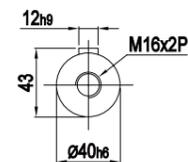
MYG-E-160-L1



MYG-E-160-L2



输出轴径 / Output Diameter



尺寸	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
MYG-E-160-L1	$\phi 145$	4-M8x20	$\phi 22, \phi 24$	72	$\phi 110$	10	130	164	251	20.5
	$\phi 200$	4-M12x30	$\phi 35$	83	$\phi 114.3$	10	180	175	262	26.5
MYG-E-160-L2	$\phi 145$	4-M8x20	$\phi 19, \phi 22, \phi 24$	62	$\phi 110$	8	130	205.5	292.5	21
	$\phi 200$	4-M12x30	$\phi 35$	82	$\phi 114.3$	10	180	225.5	312.5	28

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