



型號說明 / MODEL

GPB	090	-	10K	-	(^a □ - □ - □ - ^d □)	-	□								
系列代碼 Series	規格 Size		減速比 Ratio		輸入端安裝尺寸 Input mounting size		非標定製 Customization								
			雙級 Double (L2) 12K 15K 16K 20K 25K 28K												
	028	單級	30K		依據馬達連接尺寸確認 According to the motor connection size										
	042	Single	35K		<table><tr><td>a</td><td>馬達輸出軸直徑 Motor Shaft diameter</td></tr><tr><td>b</td><td>馬達止口直徑 Motor Spigot diameter</td></tr><tr><td>c</td><td>馬達安裝孔 PCD Motor Mounting Hole PCD</td></tr><tr><td>d</td><td>馬達安裝螺紋孔 Motor mounting threaded hole</td></tr></table>	a	馬達輸出軸直徑 Motor Shaft diameter	b	馬達止口直徑 Motor Spigot diameter	c	馬達安裝孔 PCD Motor Mounting Hole PCD	d	馬達安裝螺紋孔 Motor mounting threaded hole		
a	馬達輸出軸直徑 Motor Shaft diameter														
b	馬達止口直徑 Motor Spigot diameter														
c	馬達安裝孔 PCD Motor Mounting Hole PCD														
d	馬達安裝螺紋孔 Motor mounting threaded hole														
	060	(L1)	40K				依據尺寸圖確認 According to the drawing								
	090	3K	50K				空白：標準品 Blank：Standard								
	115	4K	60K												
	142	5K	70K												
	180	7K	80K												
	220	10K	100K		例 Example：(19-70-90-M5)										

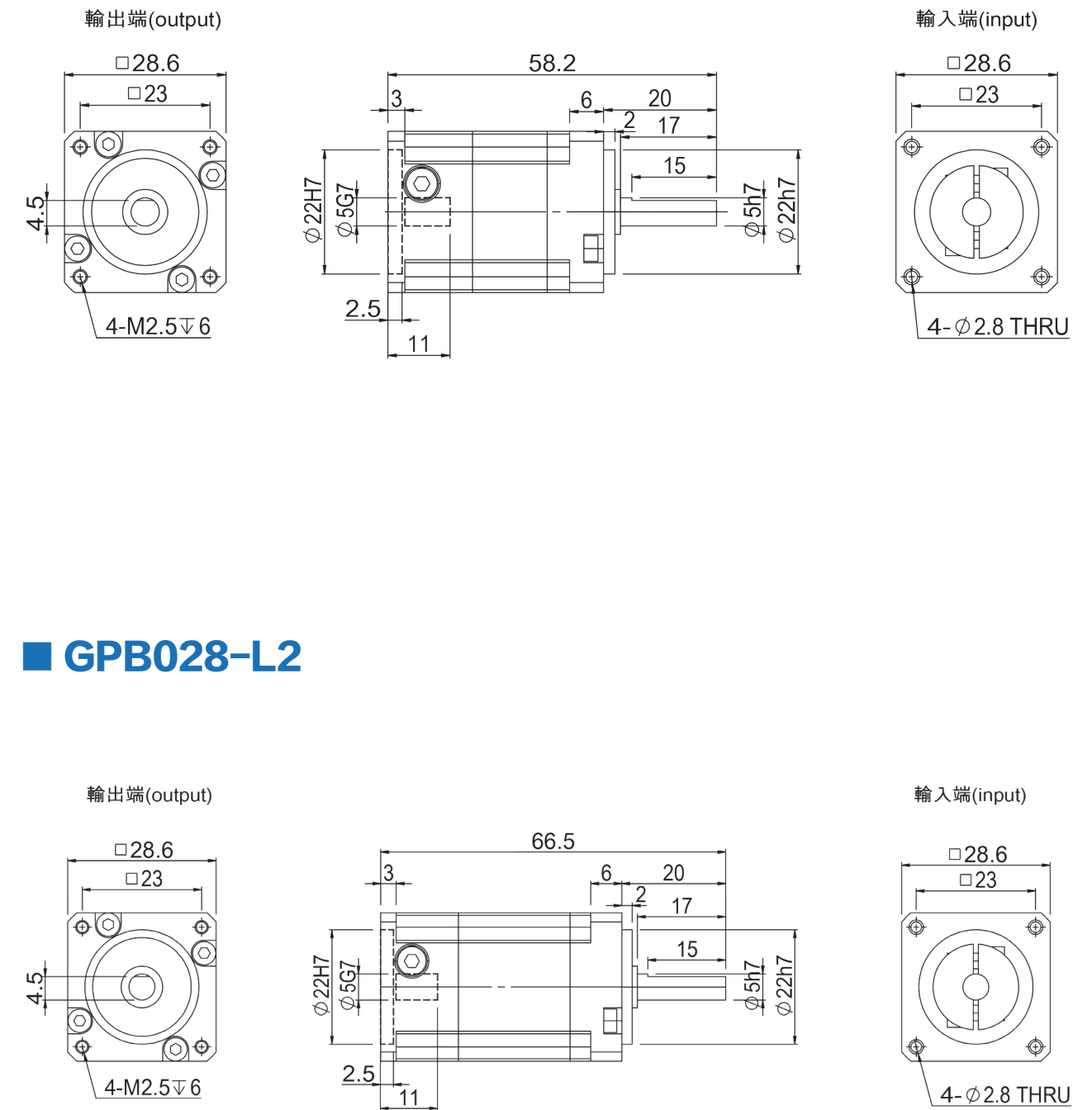
減速機性能資料 / PERFORMANCE

規格 specification	級數 stage	減速比 Ratio	GPB028	GPB042	GPB060	GPB090	GPB115	GPB142	GPB180	GPB220
額定輸出力矩 Rated output torque T _{2N}	1	3K	-	20	55	130	208	342	588	1140
		4K	9	19	50	140	290	543	1050	1700
		5K	8.5	22	60	160	330	650	1200	2000
		7K	5	19	50	140	300	550	1100	1800
		10K	3	14	40	100	230	450	900	1500
	2	12K	-	20	55	130	208	342	588	1140
		15K	-	20	55	130	208	342	588	1140
		16K	9	19	50	140	290	543	1050	1700
		20K	9	19	50	140	290	542	1050	1700
		25K	8.5	22	60	160	330	650	1200	2000
		28K	9	19	50	140	290	543	1050	1700
		30K	-	20	55	150	310	600	1100	1900
		35K	8.5	19	50	140	300	550	1100	1800
		40K	9	17	45	120	260	500	1000	1600
		50K	8.5	22	60	160	330	650	1200	2000
		60K	-	20	55	150	310	600	1100	1900
		70K	5	19	50	140	300	550	1100	1800
		80K	-	17	45	120	260	500	1000	1600
		100K	-	14	40	100	230	450	900	1500

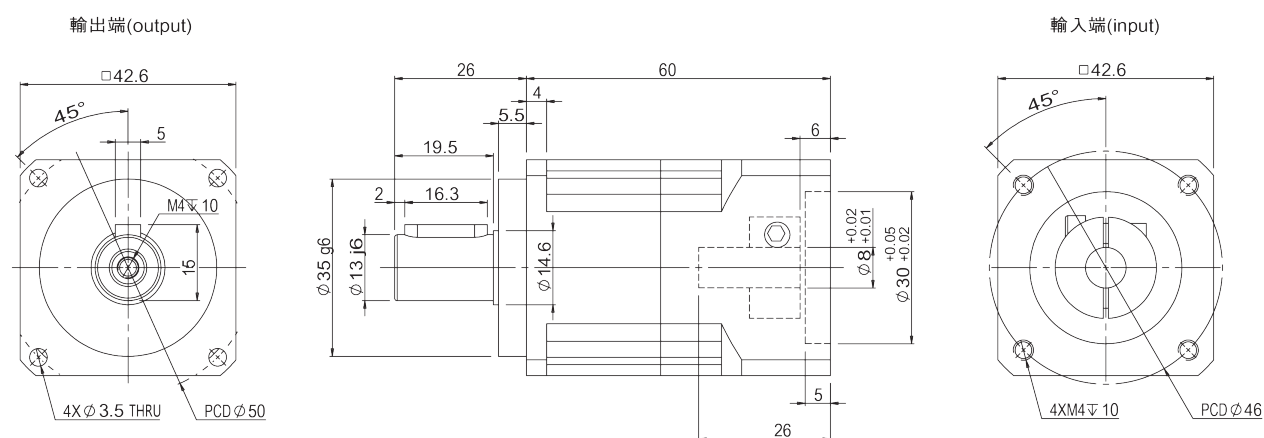
■ **GPB028-L1**

規格 specification		節數 stage	減速比 ratio	GPB028	GPB042	GPB060	GPB090	GPB115	GPB142	GPB180	GPB220
急停扭矩 T _{2NOT} Emergency stop torque T _{2NOT}	Nm	1 &2	3 ~ 100K	3 倍额定输出力矩 / 3 times rated output torque							
额定输入转速 n _{1N} Rated input speed n _{1N}	rpm	1 &2	3 ~ 100K	3000	5000	5000	4000	4000	3000	3000	2000
最大輸入轉速 n _{1B} Max input speed n _{1B}		1 &2	3 ~ 100K	6000	10000	10000	8000	8000	6000	6000	4000
精密背隙 P1 Precision backlash P1	arcmin	1	3 ~ 10K	≤ 8	-	≤ 3	≤ 3	≤ 3	≤ 3	≤ 3	≤ 3
		2	12 ~ 100K	≤ 12	-	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5
標準背隙 P2 Standard backlash P2	arcmin	1	3 ~ 10K	≤ 8	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5
		2	12 ~ 100K	≤ 12	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8
扭轉剛性 Torsional rigidity	Nm/arcmin	1 &2	3 ~ 100K	1	3	7	14	25	50	145	225
容許徑向力 F _{2rB} Allowable radial force F _{2rB}	N	1 &2	3 ~ 100K	150	780	1530	3250	6700	9400	14500	50000
容許軸向力 F _{2aB} Allowable axial force F _{2aB}	N	1 &2	3 ~ 100K	80	390	765	1625	3350	4700	7250	25000
使用壽命 Lifespan	Hr	1 &2	3 ~ 100K	20000							
效率 Efficiency	%	1	3 ~ 10K	≥ 97%							
		2	12 ~ 100K	≥ 94%							
重量 Weight	kg	1	3 ~ 10K	0.16	0.6	1.3	3.7	7.8	14.5	29	48
		2	12 ~ 100K	0.25	0.8	1.5	4.1	9	17.5	33	60
使用溫度 Working temperature	℃	1 &2	3 ~ 100K	-10℃ ~ 90℃							
潤滑 Grease		1 &2	3 ~ 100K	合成潤滑油脂 /Synthetic lubricating grease							
防護等級 IP Grade		1 &2	3 ~ 100K	IP65							
安裝方向 Installation direction		1 &2	3 ~ 100K	任意方向 /Any direction							
噪音值 (n ₁ =3000rpm , 无负载) Noise Value (n ₁ =3000rpm,off load)	Db	1 &2	3 ~ 100K	≤ 60	≤ 56	≤ 58	≤ 60	≤ 63	≤ 65	≤ 67	≤ 70

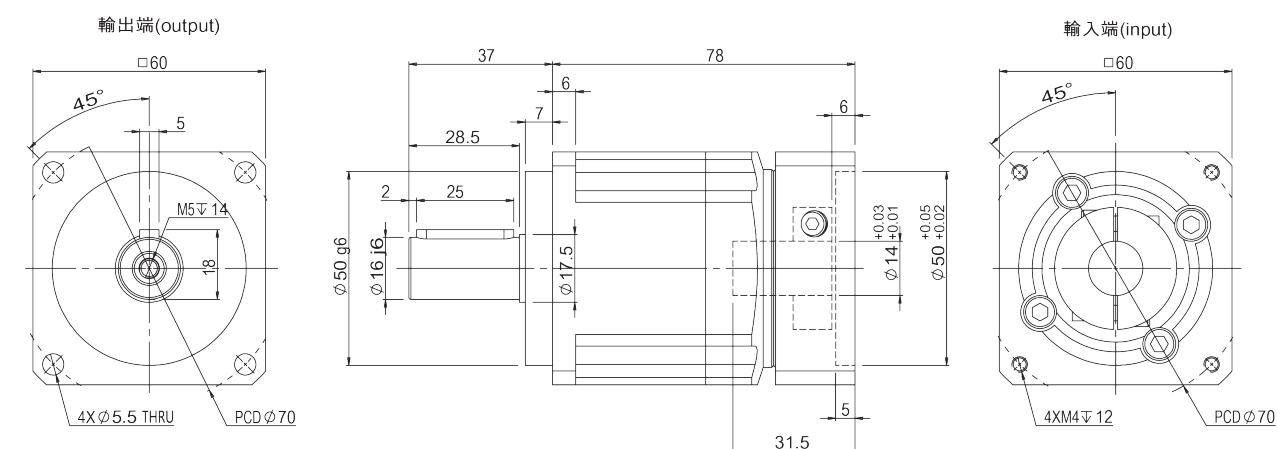
■ **GPB028-L2**



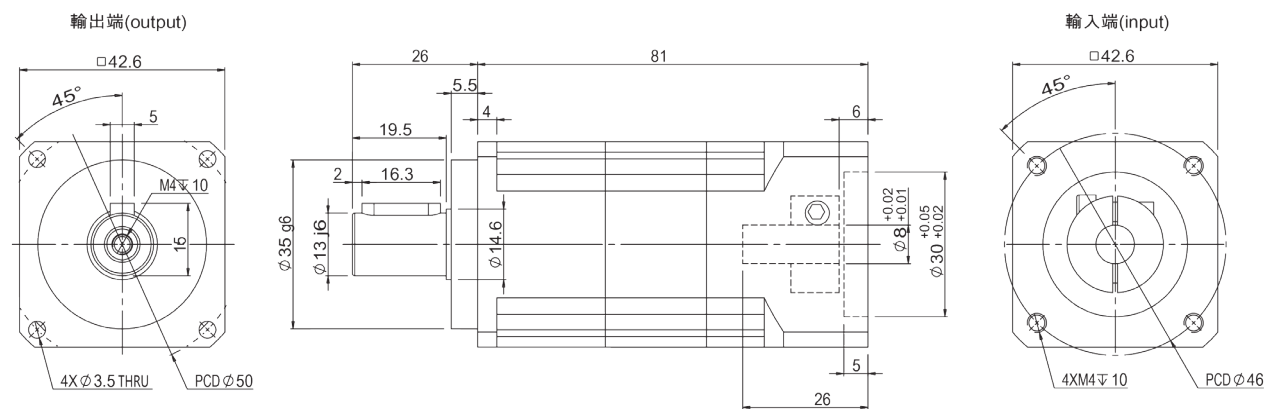
■ GPB042-L1



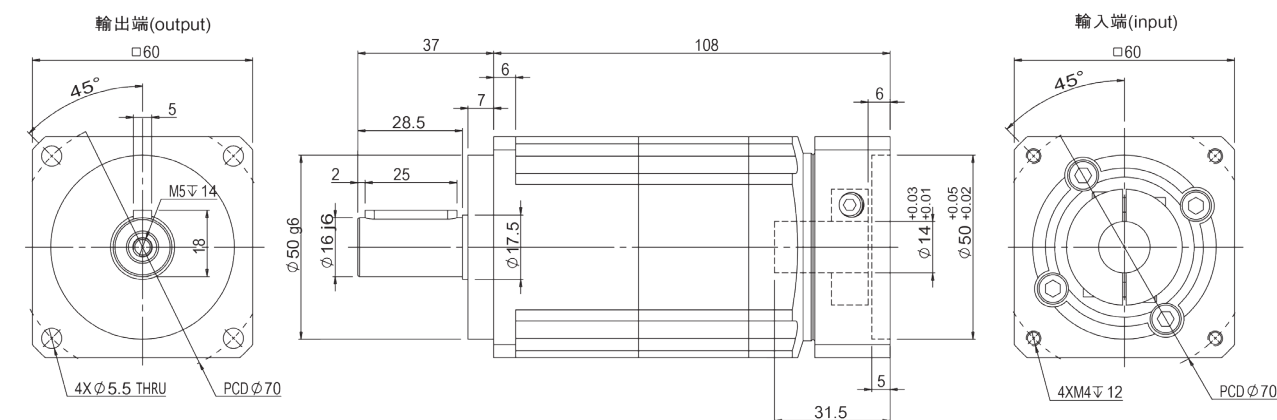
■ GPB060-L1



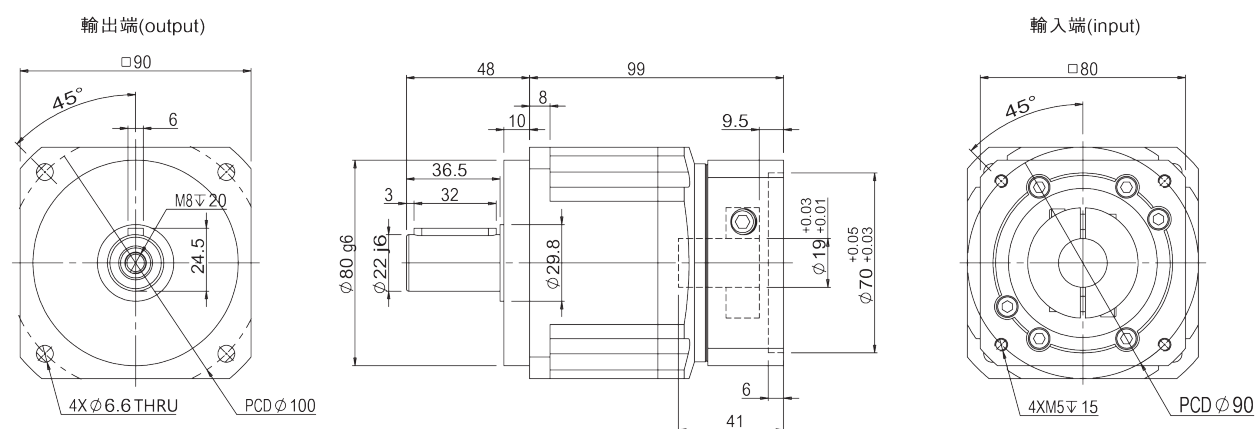
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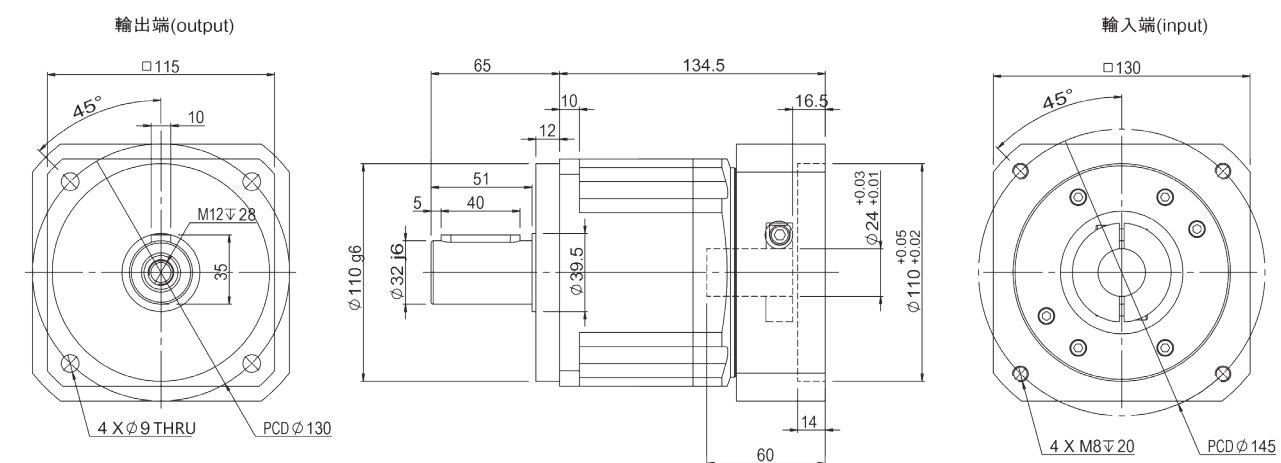
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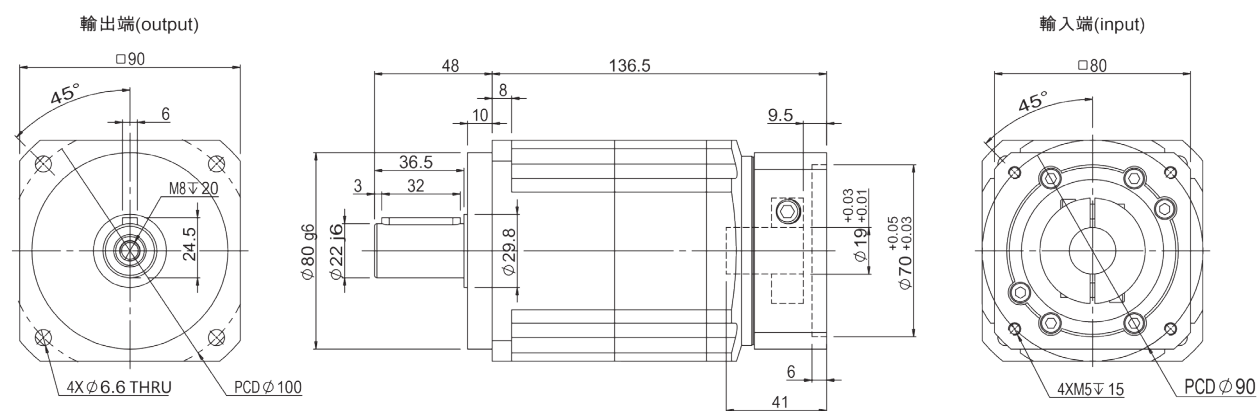
■ GPB090-L1



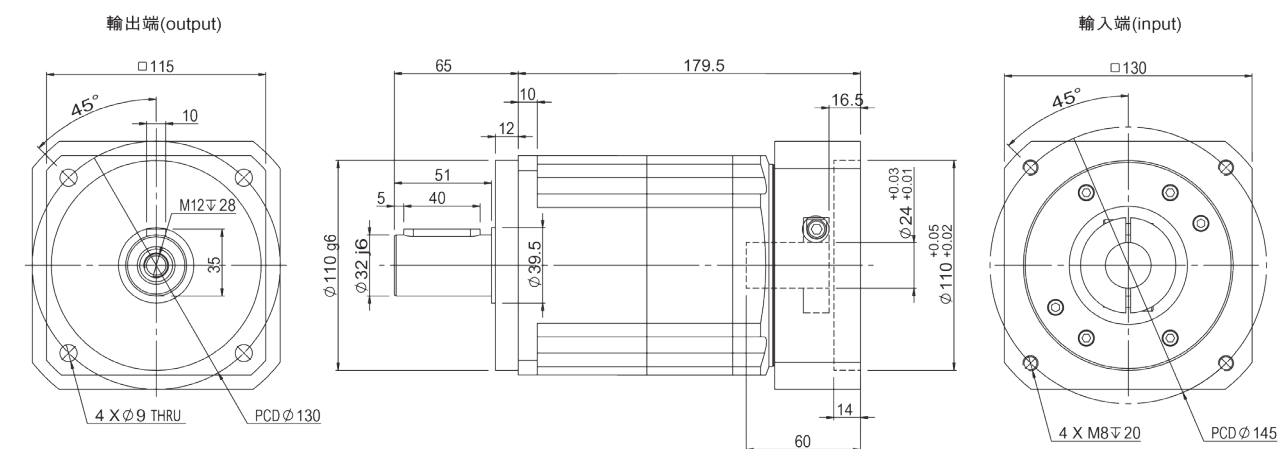
■ GPB115-L1



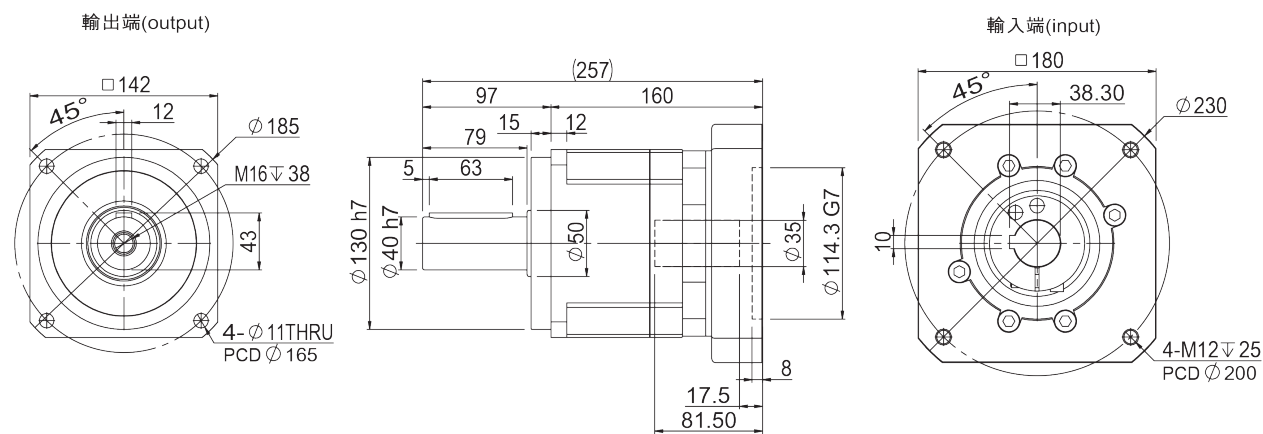
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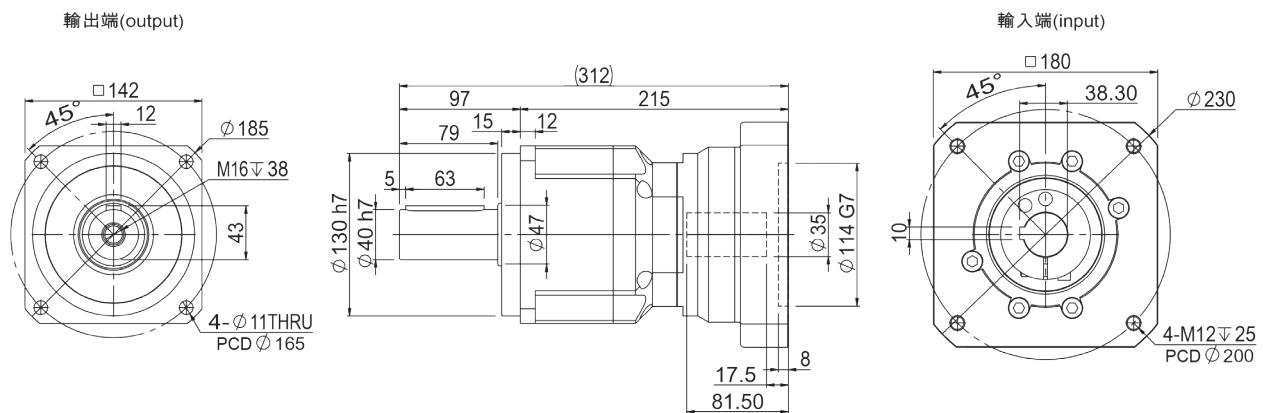
■ GPB115-L2



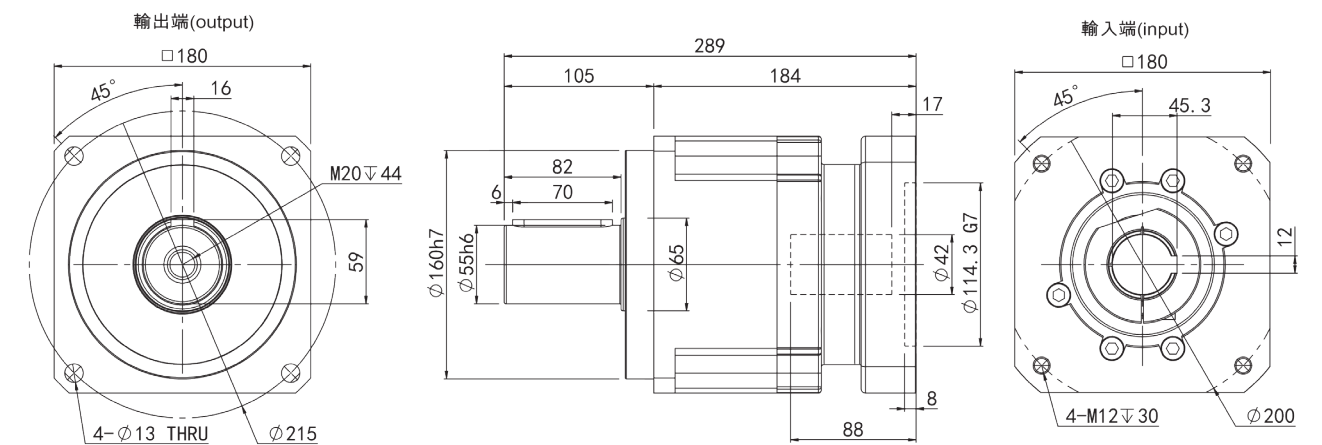
■ **GPB142-L1**



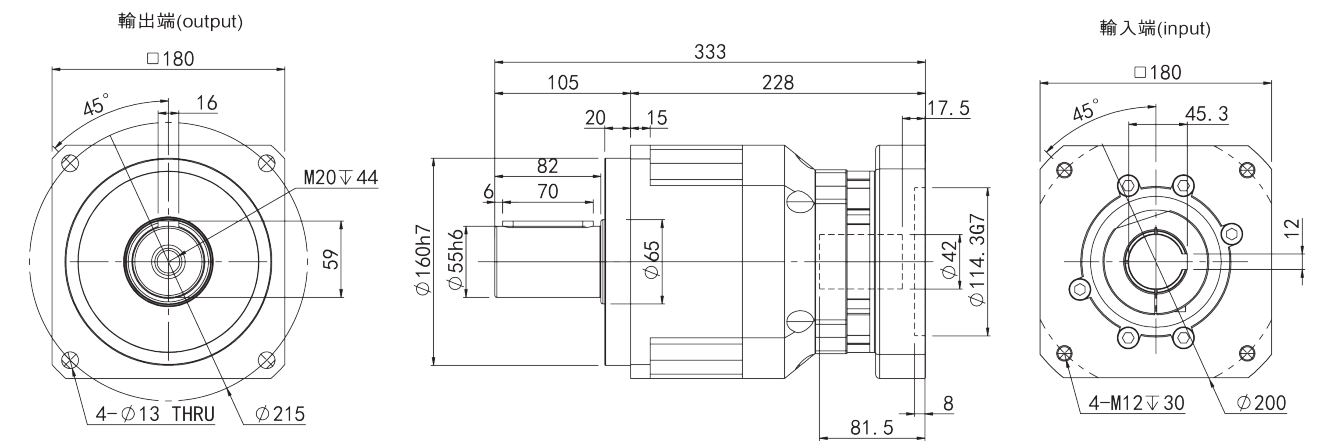
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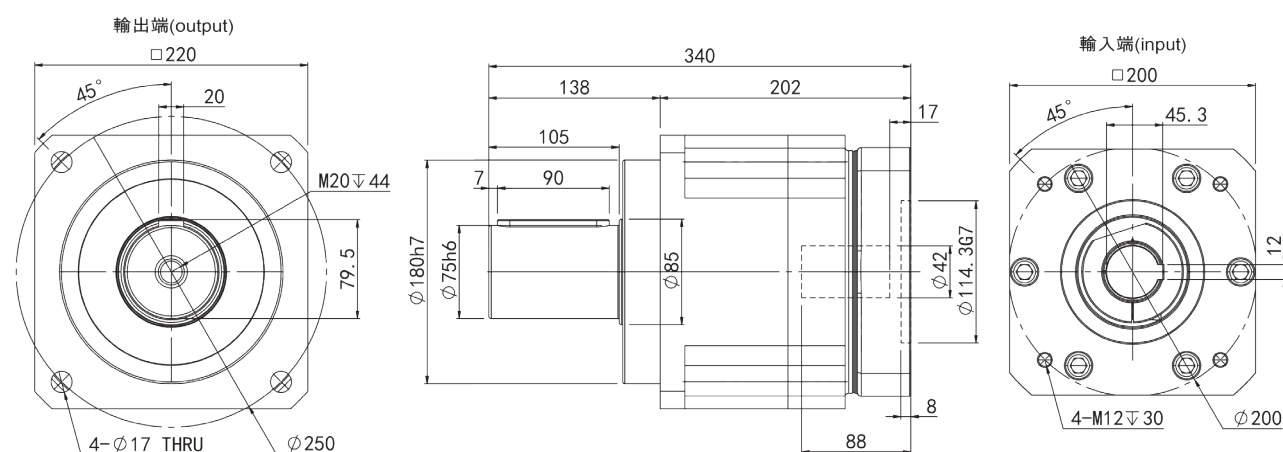
■ **GPB180-L1**



■ **GPB180-L2**



■ GPB220-L1



■ GPB220-L2

