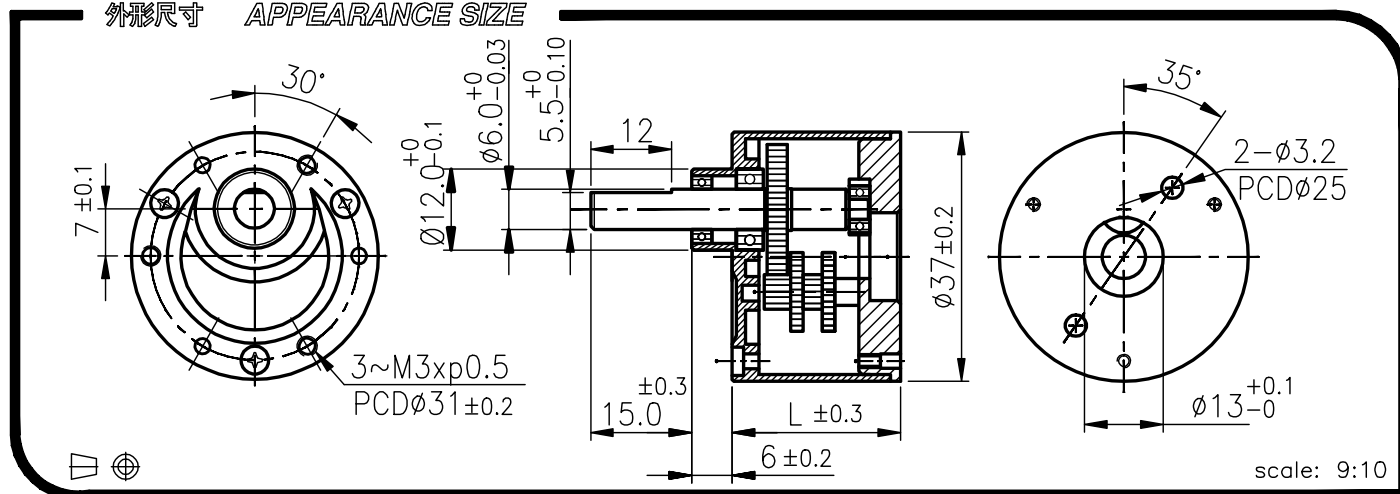


RB-37B



外殼材質 Housing material	金屬 metal	背隙 (無負荷時) Backlash at no-load	≤ 2°
輸出軸承型式 Bearing at output		滾珠軸承 Ball bearings	
徑向負荷 Radial load (10mm from flange)		≤ 2 kgf	
軸向負荷 Shaft axial load		≤ 0.7 kgf	
主軸最大承受壓入力 Shaft press fit force,max.		≤ 20 kgf	
徑向間隙 Radial play of shaft		≤ 0.04 mm	
軸向間隙 Thrust play of shaft		≤ 0.35 mm	

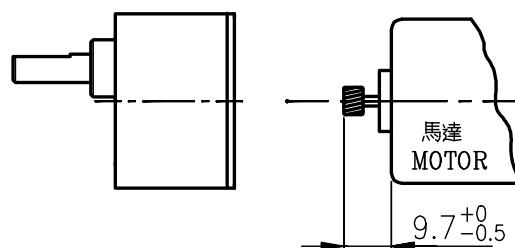
外形尺寸 APPEARANCE SIZE



馬達齒輪型式 / PINION SPECIFICATIONS

模數 Module	0.5
齒數 No. of teeth	10
壓力角 Pressure angle	20°
螺旋角 Helix angle	18°(左, left)
孔徑 Hole diameter	Ø1.98, Ø2.28, Ø2.48, Ø2.98, Ø3.16
減速比 Reduction ratio	全種通用 Practicable

馬達裝卸方法 / MOTOR INSTALLATION



標準減速比型式 / GEARBOXES SPECIFICATIONS

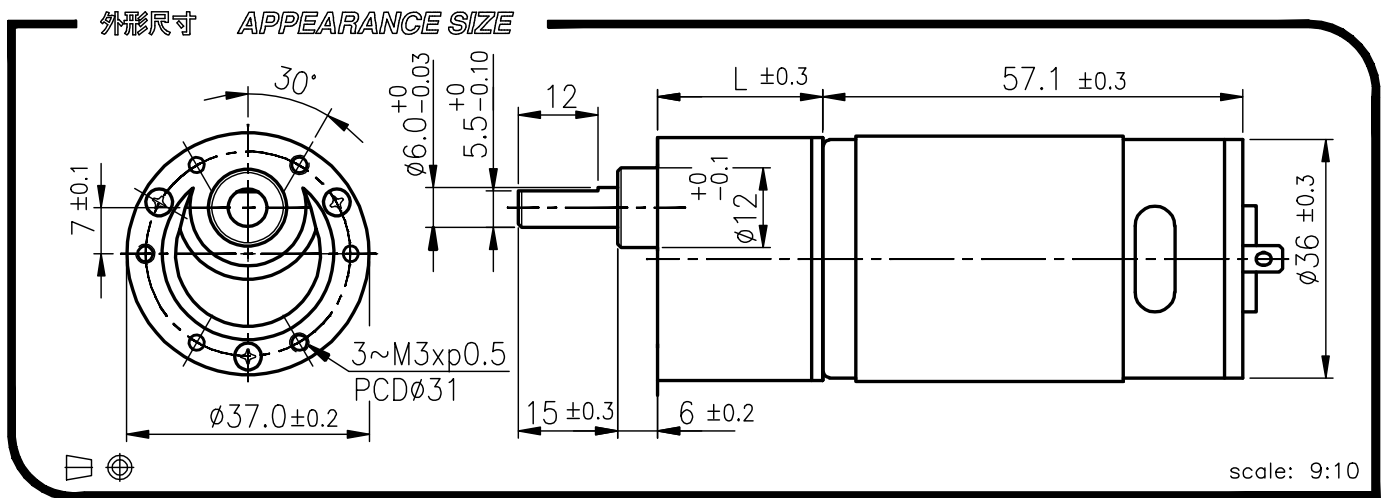
★ 使用相對溼度: 20%~85%RH ★ 使用溫度範圍: -10°C~+60°C
Operating relative humidity Operating temperature range

減速比 Reduction ratio	定格容許扭力 Rated tolerance torque	瞬間容許扭力 Max momentary tolerance torque	效率 Efficiency	L	重量 (滾珠軸承) Weight (g) Ball bearings
1/6, 1/10	1 kgf-cm Max.	3 kgf-cm	81%	19.5	64
1/18	1 kgf-cm Max.	3 kgf-cm	73%	22.0	70
1/30	2 kgf-cm Max.	6 kgf-cm	73%	22.0	70
1/50, 1/60, 1/70	3 kgf-cm Max.	9 kgf-cm	66%	24.5	76
1/75, 1/90	4 kgf-cm Max.	12 kgf-cm	66%	24.5	76
1/100	6 kgf-cm Max.	18 kgf-cm	66%	24.5	76
1/120, 1/150, 1/180, 1/200, 1/250, 1/300	6 kgf-cm Max.	18 kgf-cm	59%	27.0	82
1/350, 1/400, 1/450, 1/500, 1/600, 1/700	6 kgf-cm Max.	18 kgf-cm	53%	29.5	88
1/750, 1/900, 1/1000	6 kgf-cm Max.	18 kgf-cm	53%	29.5	88
1/1500, 1/3000	6 kgf-cm Max.	18 kgf-cm	48%	32.0	96

RB-37BGM 07&09 TYPE



REDUCTION RATIO	L	REDUCTION RATIO	L
1/6~1/10	19.5	1/120~1/300	27.0
1/18~1/30	22.0	1/350~1/1000	29.5
1/36~1/100	24.5	1/1500~1/3000	32.0



GEARED MOTOR TORQUE/SPEED

	減速比 Reduction ratio	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		10	18	30	50	60	75	90	100	120	150	180	200	250	300	500	600	750	1000	1500	3000
12V	定格扭力(Kg-cm) Rated torque	1.0	1.0	2.0	3.0	3.0	4.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	定格回轉數(rpm) Rated speed	528	313	185	109	95	76	63	55	47	36	31.5	29	22.5	19.5	11.5	9.8	8.0	5.9	3.9	2.0
24V	定格扭力(Kg-cm) Rated torque	1.0	1.0	2.0	3.0	3.0	4.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	定格回轉數(rpm) Rated speed	532	315	186	111	96	77	64	55.5	48	36	32	29.5	23	20	11.8	9.9	8.0	6.0	4.0	2.0

馬達單體型式 / MOTOR DATA

定格電壓 Rated volt (V)	定格扭力 Rated torque (g-cm)	定格回轉數 Rated speed (rpm)	定格電流 Rated current (mA)	無負荷回轉數 No load speed (rpm)	無負荷電流 No load current (mA)	定格出力 Rated output (W)	重量 Weight (g)
12	250	4930	≤ 1600	6000	≤ 250	12.80	220
24	240	5150	≤ 750	6000	≤ 130	12.70	220

馬達單體特性圖 / MOTOR CHARACTERISTICS

