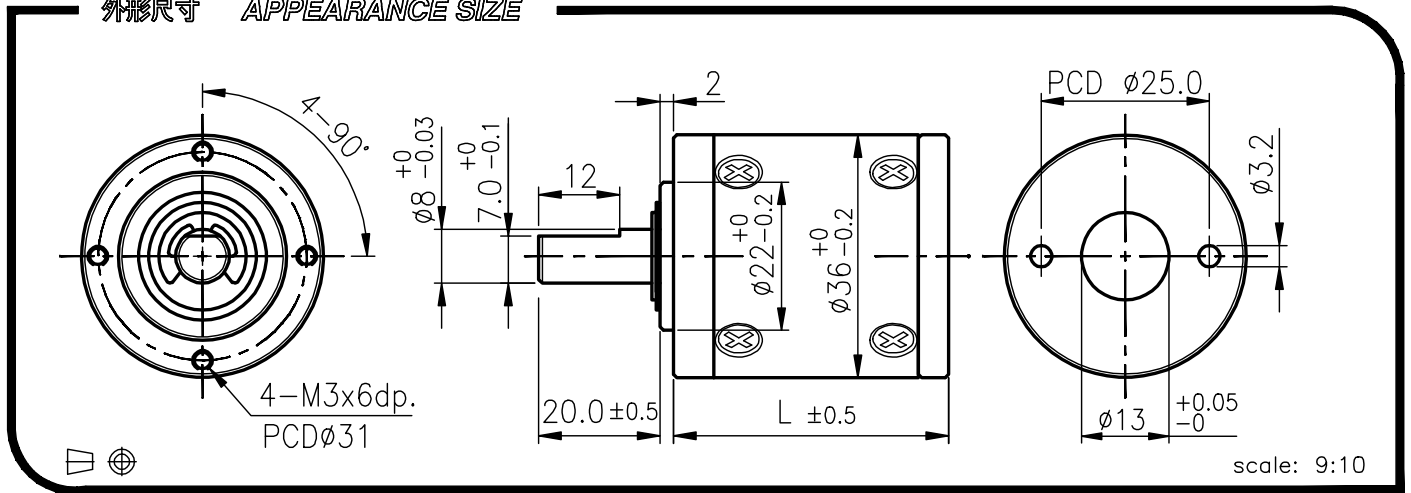


IG-36P



外殼材質 Housing material	粉末金屬 Powder metal	背隙 (無負荷時) Backlash, at no-load	≤ 3°
輸出軸承型式 Bearing at output		含油軸承 Sleeve bearings	滾珠軸承 Ball bearings
徑向負荷 Radial load (10mm from flange)		≤ 5 kgf	≤ 8 kgf
軸向負荷 Shaft axial load		≤ 3 kgf	≤ 3 kgf
主軸最大承受壓力 Shaft press fit force, max.		≤ 15 kgf	≤ 15 kgf
徑向間隙 Radial play of shaft		≤ 0.08 mm	≤ 0.05 mm
軸向間隙 Thrust play of shaft		≤ 0.3 mm	≤ 0.3 mm

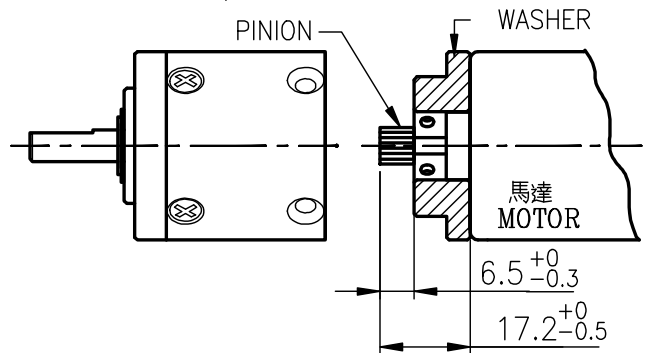
外形尺寸 APPEARANCE SIZE



馬達齒輪型式 / PINION SPECIFICATIONS

模數 Module	0.6		
齒數 No. of teeth	11	17	
壓力角 Pressure angle	20°		
孔徑 Hole diameter	ø3.16		
減速比 Reduction ratio	1/5, 1/71, 1/264	1/19, 1/100, 1/516	1/27, 1/139, 1/721, 1/4, 1/189

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	精確減速比 Exact 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(含油軸承) Weight (g) Sleeve bearings	重量(滾珠軸承) Weight (g) Ball bearings
1/4,1/5	3 12/17, 5 2/11	3.0 kgf-cm Max.	9.0 kgf-cm	80%	33.1	130	132
1/14,1/19	13 212/289, 19 38/187	8.0 kgf-cm Max.	24.0 kgf-cm	70%	41.8	170	172
1/27	26 103/121	10.0 kgf-cm Max.	30.0 kgf-cm	70%	41.8	170	172
1/51,1/71	50 4397/4913, 71 524/3179	18.0 kgf-cm Max.	54.0 kgf-cm	60%	50.5	210	212
1/100	99 1044/2057	20.0 kgf-cm Max.	60.0 kgf-cm	60%	50.5	210	212
1/139	139 184/1331	20.0 kgf-cm Max.	60.0 kgf-cm	60%	50.5	210	212
1/189	188 51013/83521	25.0 kgf-cm Max.	75.0 kgf-cm	50%	59.2	250	252
1/264	263 39370/54043	25.0 kgf-cm Max.	75.0 kgf-cm	50%	59.2	250	252
1/516	515 14254/22627	30.0 kgf-cm Max.	90.0 kgf-cm	50%	59.2	250	252
1/721	720 14481/14641	30.0 kgf-cm Max.	90.0 kgf-cm	50%	59.2	250	252

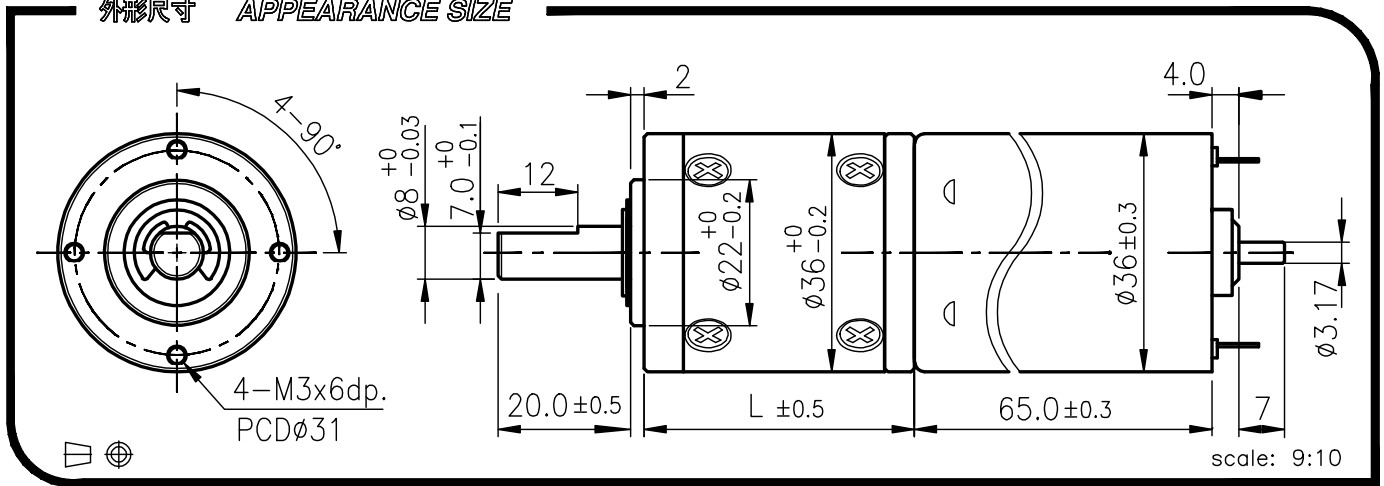
IG-36PGM

01&02 TYPE



REDUCTION RATIO	L	REDUCTION RATIO	L
1/4~1/5	33.1	1/51~1/139	50.5
1/14~1/27	41.8	1/189~1/721	59.2

外形尺寸 APPEARANCE SIZE



GEARED MOTOR TORQUE/SPEED

	減速比 Reduction ratio	1/5	1/14	1/19	1/27	1/51	1/71	1/100	1/139	1/189	1/264	1/516	1/721				
		12V	1.1	2.5	3.6	5.0	8.2	11.5	16	20	25	25	30	30			
	12V	1250	475	340	243	129	92	66	47.2	34.8	25.1	13.2	9.5				
	24V	1.1	2.7	3.8	5.3	8.7	12	17	20	25	25	30	30				
	24V	1240	470	335	240	127	91	65	46.5	34.3	24.8	13	9.4				

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	270	6570	≤ 2050	7500	≤ 300	18.23	222
24	285	6480	≤ 1050	7500	≤ 210	18.96	224

馬達單體特性圖 / MOTOR CHARACTERISTICS

