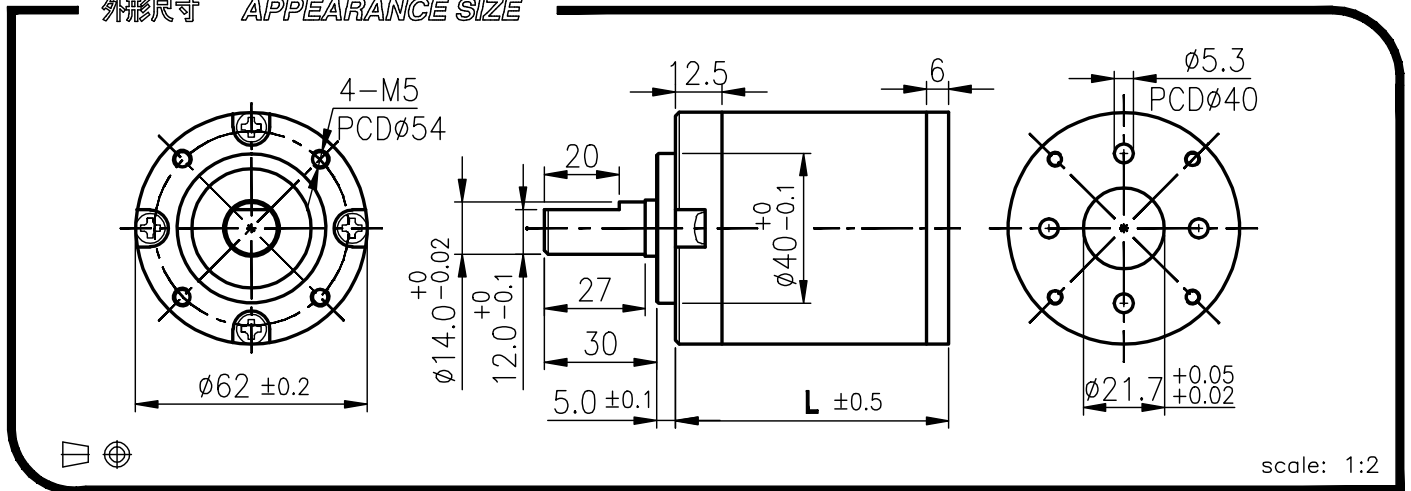


# IG-62



外殼材質 Housing material	金屬 metal	背隙 (無負荷時) Backlash, at no-load	≤ 3°
輸出軸承型式 Bearing at output	滾珠軸承 Ball bearings		
徑向負荷 Radial load (10mm from flange)	≤ 25 kgf		
軸向負荷 Shaft axial load	≤ 10 kgf		
主軸最大承受壓入力 Shaft press fit force, max.	≤ 50 kgf		
徑向間隙 Radial play of shaft	≤ 0.08 mm		
軸向間隙 Thrust play of shaft	≤ 0.4 mm		

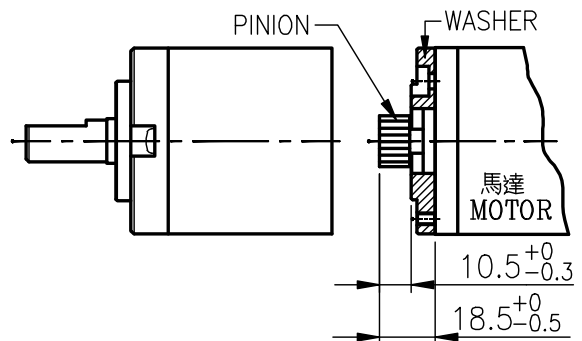
外形尺寸 APPEARANCE SIZE



馬達齒輪型式 / PINION SPECIFICATIONS

模數 Module	1.0		
齒數 No. of teeth	12	14	16
壓力角 Pressure angle	20°		
孔徑 Hole diameter	$\phi$ 6x4.5	$\phi$ 8 x 6	
減速比 Reduction ratio	1/4, 1/15, 1/19 1/53, 1/66, 1/81 1/113, 1/230, 1/285 1/353, 1/488 1/546, 1/676	1/100	1/3 1/12 1/43 1/150

馬達裝卸方法 / MOTOR INSTALLATION



★ 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

標準減速比型式 / GEARBOXES SPECIFICATIONS

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 Weight ( g )
1/3, 1/4	3 1/2, 4 1/3	15 kgf-cm Max.	45 kgf-cm	80%	43.6	670
1/12, 1/15	12 1/4, 15 1/6	50 kgf-cm Max.	150 kgf-cm	70%	59.1	940
1/19	18 7/9	50 kgf-cm Max.	150 kgf-cm	70%	59.1	940
1/43, 1/53, 1/66	42 7/8, 53 1/12, 65 13/18	100 kgf-cm Max.	300 kgf-cm	60%	74.6	1220
1/81, 1/100	81 10/27, 100 2/7	100 kgf-cm Max.	300 kgf-cm	60%	74.6	1220
1/113	112 2/3	100 kgf-cm Max.	300 kgf-cm	60%	74.6	1220
1/150	150 1/16	100 kgf-cm Max.	300 kgf-cm	50%	90.1	1500
1/230, 1/285	230 1/36, 284 43/54	100 kgf-cm Max.	300 kgf-cm	50%	90.1	1500
1/353, 1/488	352 49/81, 488 2/9	100 kgf-cm Max.	300 kgf-cm	50%	90.1	1500
1/546, 1/676	546, 676	100 kgf-cm Max.	300 kgf-cm	50%	90.1	1500

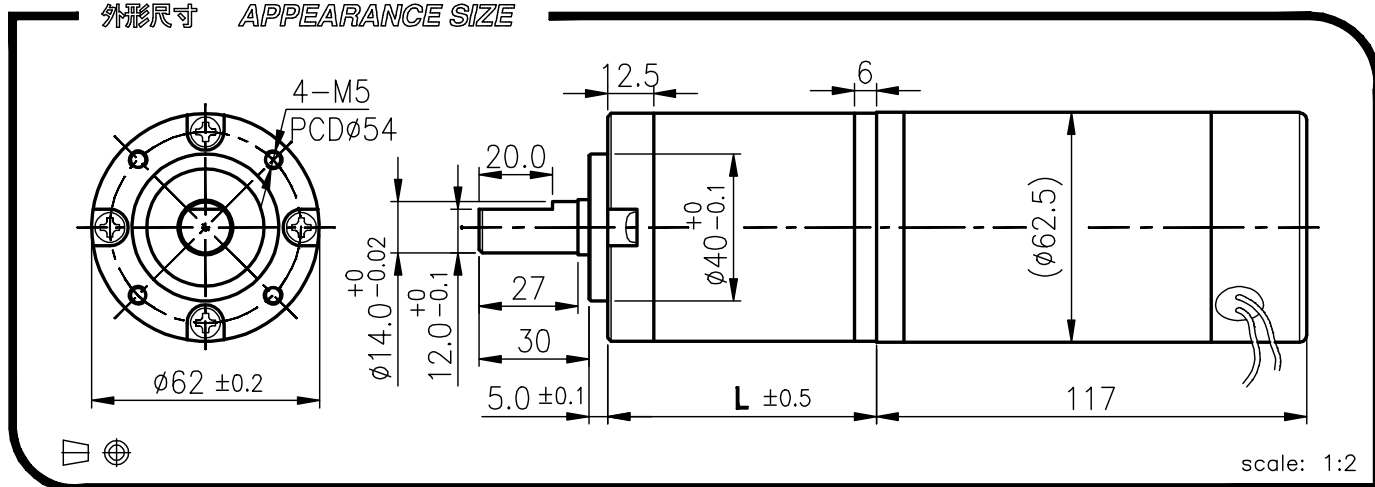
# IG-62GM

## 01&02 TYPE



REDUCTION RATIO	L	REDUCTION RATIO	L
1/3~1/4	43.6	1/150~1/676	90.1
1/12~1/19	59.1		
1/43~1/113	74.6		

外形尺寸 APPEARANCE SIZE



GEARED MOTOR TORQUE/SPEED

	減速比 Reduction ratio	1/3	1/4	1/12	1/15	1/19	1/43	1/53	1/66	1/81	1/100	1/113	1/150	1/230	1/285	1/353	1/488	1/546	1/676		
		12V	定格扭力(Kg-cm) Rated torque	2.5	3.0	7.5	9.4	11.8	23	28	35	43	54	61	67	100	100	100	100	100	100
	定格回轉數(rpm) Rated speed	480	390	135	110	90	39.5	32	25.7	21	17	15	11	7.3	6.0	5.0	3.7	3.3	2.7		
24V	定格扭力(Kg-cm) Rated torque	4.2	5.1	12.5	15.7	19.7	38	47	59	72	90	100	100	100	100	100	100	100	100		
	定格回轉數(rpm) Rated speed	500	400	140	115	93	40.5	33	26.5	21.5	17.5	15.4	11.7	7.8	6.3	5.3	3.8	3.4	2.8		

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	900	1700	≤ 1800	2000	≤ 450	15.7	1650
24	1500	1750	≤ 1500	2000	≤ 300	26.9	1650

馬達單體特性圖 / MOTOR CHARACTERISTICS

