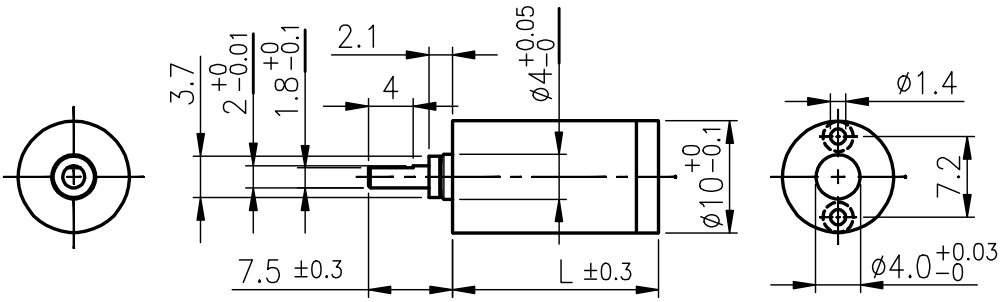
行星齒輪 (Planetary gear)

IG-10

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	含油軸承 Sleeve bearings		
徑向負荷 Radial load (5mm from flange)	≤ 100 gf		
軸向負荷 Shaft axial load	≤ 200 gf		
主軸最大承受壓入力 Shaft press fit force,max.	≤ 500 gf		
徑向間隙 Radial play of shaft	≤ 0.05 mm		
軸向間隙 Thrust play of shaft	≤ 0.2 mm		

外形尺寸 APPEARANCE SIZE

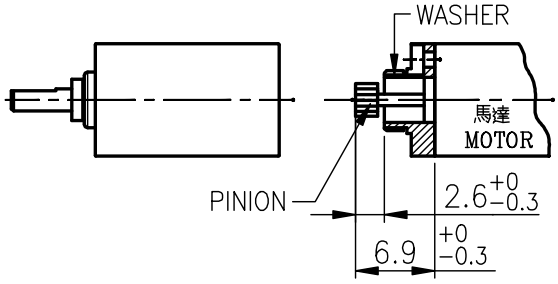


scale: 15:10

馬達齒輪型式 /PINION SPECIFICATIONS

模 數 Module	0.2
齒 數 No. of teeth	12
壓 力 角 Pressure angle	20°
孔 徑 Hole diameter	ø0.99
減 速 比 Reduction ratio	全種通用 Practicable

馬達裝卸方法 /MOTOR INSTALLATION



★ 使用相對溼度: 20%~85%RH Operating relative humidity

★ 使用溫度範圍: −10°C~+60°C 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(含油軸承) Weight (g) Sleeve bearings
1/4	4	50 gf-cm Max.	150 gf-cm	85%	12.2	6.2
1/16	16	100 gf-cm Max.	300 gf-cm	75%	15.3	7.2
1/64	64	300 gf-cm Max.	900 gf-cm	65%	18.4	8.2
1/256	256	400 gf-cm Max.	1200 gf-cm	55%	21.5	10.2
1/1024	1024	500 gf-cm Max.	1500 gf-cm	45%	24.6	11.2
1/4096	4096	600 gf-cm Max.	1800 gf-cm	40%	27.7	13.2

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