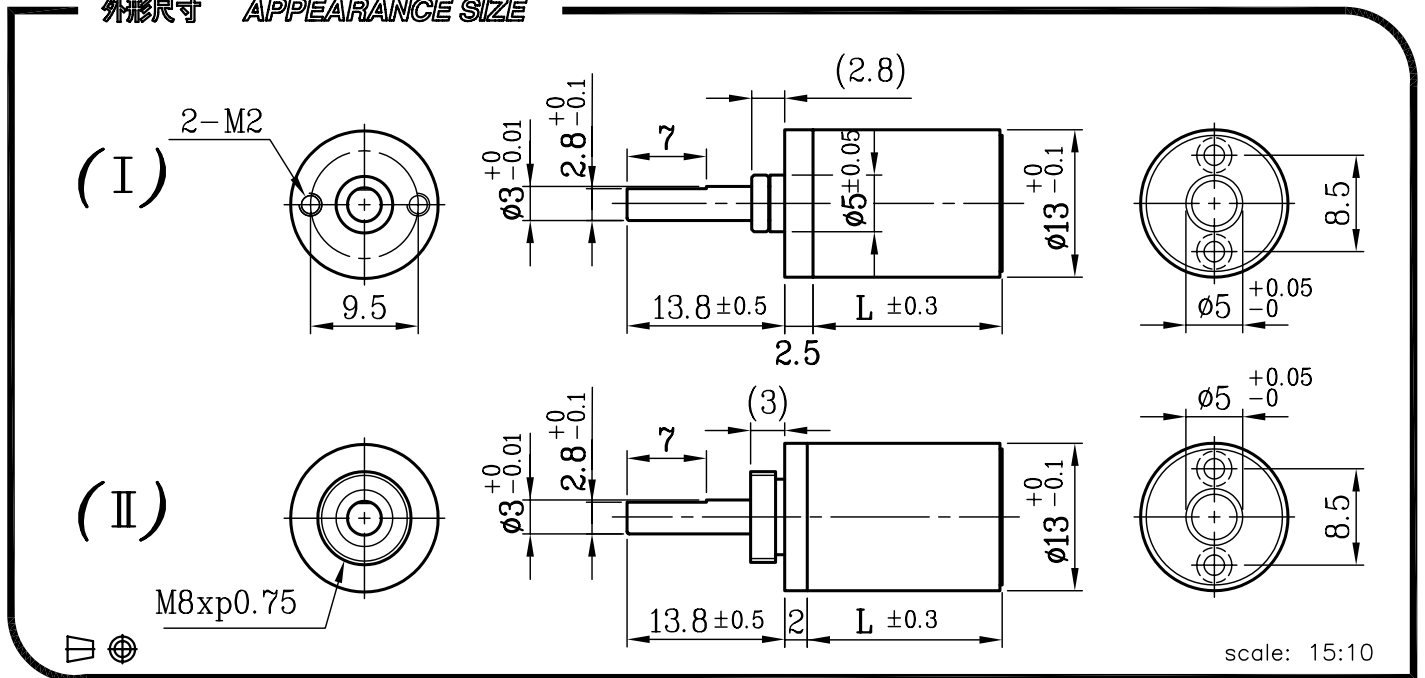


IG-13



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 (8mm from flange)			≤ 0.5 kgf
軸向負荷 Shaft axial load			≤ 0.5 kgf
主軸最大承受壓入力 Shaft press fit force, max.			≤ 1.5 kgf
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

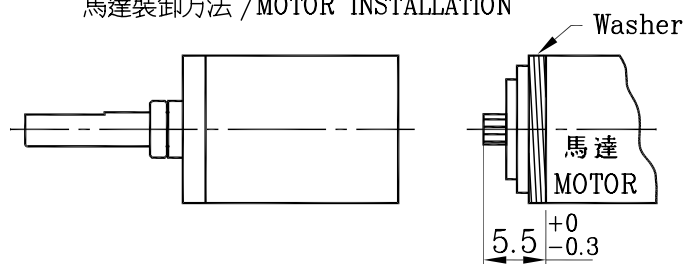


scale: 15:10

馬達齒輪型式 / PINION SPECIFICATIONS

模數 Module	0.25
齒數 No. of teeth	12
壓力角 Pressure angle	20°
孔徑 Hole diameter	φ1.49
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 ★ 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) (I)	重量 Weight (g) (II)
1/4	4	0.8 kgf-cm Max.	2.4 kgf-cm	85%	10.2	10.7	11.2
1/16	16	1.2 kgf-cm Max.	3.6 kgf-cm	75%	13.5	12.8	13.3
1/64	64	1.6 kgf-cm Max.	4.8 kgf-cm	65%	16.8	14.9	15.4
1/256	256	1.8 kgf-cm Max.	5.4 kgf-cm	55%	20.1	17.0	17.5
1/1024	1024	2.0 kgf-cm Max.	6.0 kgf-cm	45%	23.4	19.1	19.6
1/4096	4096	2.0 kgf-cm Max.	6.0 kgf-cm	40%	26.7	21.2	21.7