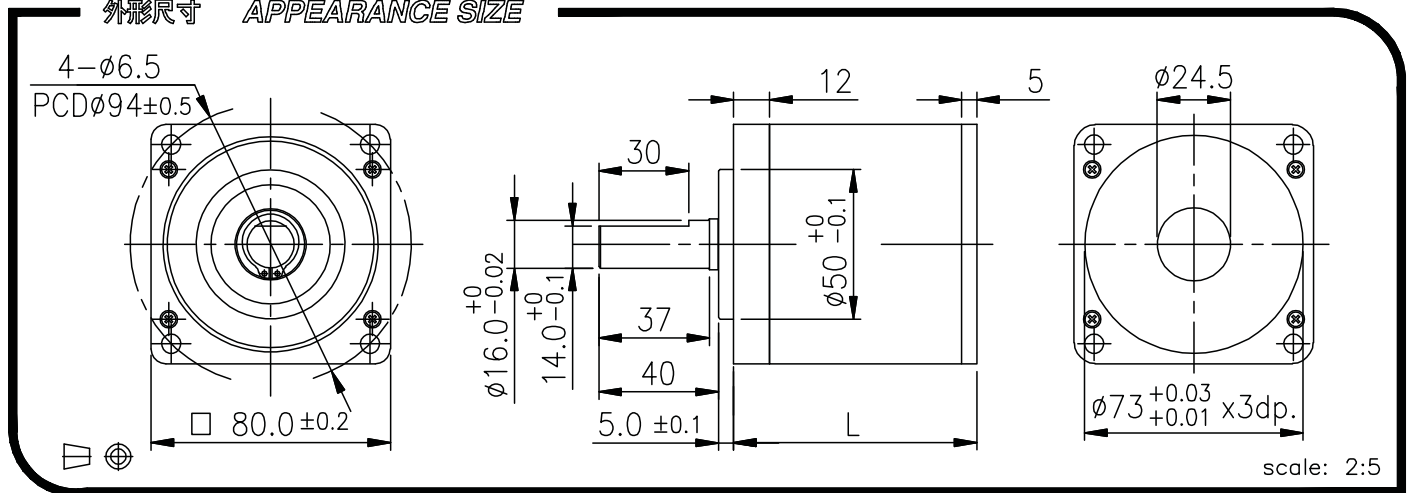


IG-80W



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)			≤ 30 kgf
軸向負荷 Shaft axial load			≤ 10 kgf
主軸最大承受壓入力 Shaft press fit force, max.			≤ 75 kgf
徑向間隙 Radial play of shaft			≤ 0.08 mm
軸向間隙 Thrust play of shaft			≤ 0.4 mm

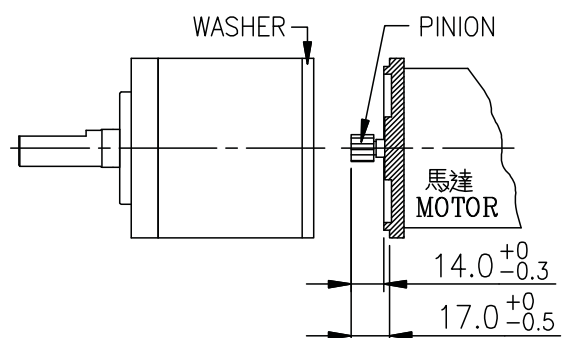
外形尺寸 APPEARANCE SIZE



馬達齒輪型式 / PINION SPECIFICATIONS

模數 Module	1.0	
齒數 No. of teeth	13	21
壓力角 Pressure angle	20°	
孔徑 Hole diameter	$\phi 6 \times 4.5$	$\phi 8 \times 6$
減速比 Reduction ratio	1/19, 1/21, 1/71 1/80, 1/103, 1/117 1/306, 1/393, 1/445 1/571, 1/647,	1/13, 1/15 1/49, 1/55 1/186, 1/210

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 Weight (g)
1/4	3 17/21	15 kgf-cm Max.	45 kgf-cm	80%	49.3	1100
1/13, 1/15	12 4/5, 14 226/441	70 kgf-cm Max.	210 kgf-cm	70%	65.8	1570
1/19, 1/21	18 198/325, 21 9/91	70 kgf-cm Max.	210 kgf-cm	70%	65.8	1570
1/49, 1/55	48 16/21, 55 2645/9261	125 kgf-cm Max.	375 kgf-cm	60%	82.3	2040
1/71, 1/80	70 58/65, 80 240/637	125 kgf-cm Max.	375 kgf-cm	60%	82.3	2040
1/103, 1/117	103 281/4225, 116 1012/1183	125 kgf-cm Max.	375 kgf-cm	60%	82.3	2040
1/186, 1/210	186 335/441, 210 118990/194481	150 kgf-cm Max.	450 kgf-cm	50%	98.8	2510
1/306, 1/393	306 2638/13377, 392 536/845	150 kgf-cm Max.	450 kgf-cm	50%	98.8	2510
1/445, 1/571	445 1355/8281, 570 45582/54925	150 kgf-cm Max.	450 kgf-cm	50%	98.8	2510
1/647	647 3067/15379	150 kgf-cm Max.	450 kgf-cm	50%	98.8	2510