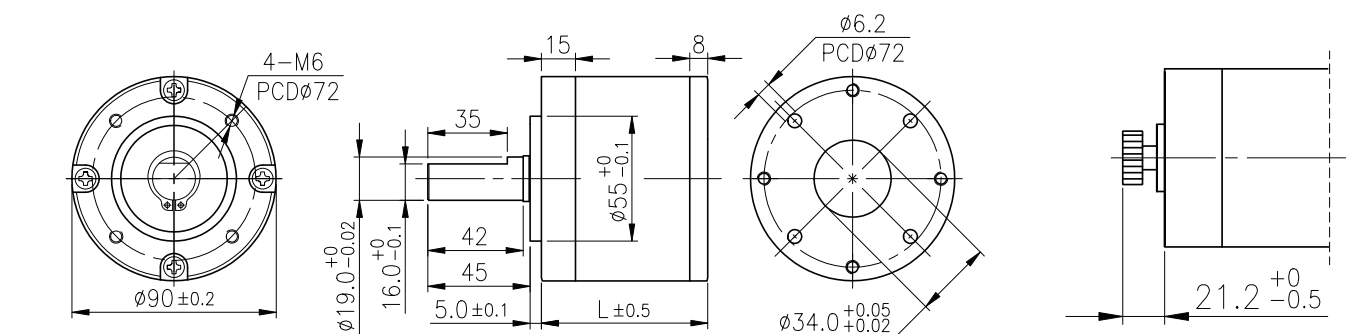


IG-90



外形尺寸 & 馬達裝卸方法/ Appearance Size & Motor Installation



unit:mm

產品規格/ Product Specifications

外殼材質 Housing material	輸出軸承型式 Bearing at output	徑向負荷 Radial load (10mm from flange)	軸向負荷 Shaft axial load	主軸最大承受壓入力 Shaft press fit force, max.	徑向間隙 Radial play of shaft	軸向間隙 Thrust play of shaft	背隙 (無負荷時) Backlash, at no-load
金屬 Metal	滾珠軸承 Ball bearings	≤ 40 kgf	≤ 10 kgf	≤ 100 kgf	≤ 0.08 mm	≤ 0.4 mm	$\leq 4^\circ$

馬達齒輪型式/ Pinion Specifications

模數 Module	齒數 No. of teeth	壓力角 Pressure angle	孔徑 (mm) Hole diameter	減速比 Reduction ratio
1.0	16	20°	$\phi 10 \times 8$	1/19, 1/77, 1/98, 1/294, 1/403, 1/517
1.0	22	20°	$\phi 12 \times 10$	1/15, 1/60
1.0	24	20°	$\phi 12 \times 10$	1/52, 1/201
1.25	21	20°	$\phi 12 \times 10$	1/4

標準減速比型式/ Gearboxes Specifications

減速比 Reduction ratio	1/4	1/15	1/19	1/52	1/60	1/77	1/98	1/201	1/294	1/403	1/517								
定格容許扭力 (kgf-cm Max.) Rated tolerance torque	20	80	80	150	150	150	150	180	180	180	180								
瞬間容許扭力 (kgf-cm) Max momentary tolerance torque	60	240	240	450	450	450	450	540	540	540	540								
效率 Efficiency	80%	70%	70%	60%	60%	60%	60%	50%	50%	50%	50%								
長度 Length (L)	57.3	73.8	73.8	90.3	90.3	90.3	90.3	106.8	106.8	106.8	106.8								
重量 (滾珠軸承) Weight (g) /Ball bearings	1670	2230	2230	2800	2800	2800	2800	3370	3370	3370	3370								

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

● 使用溫度範圍：-10℃~+60℃
Operating temperature range