

DC Gear Motor Series

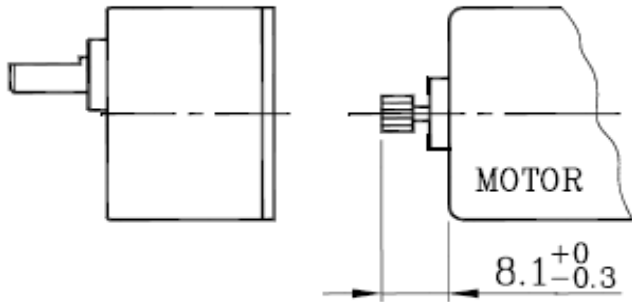


Gearbox with Sleeve Bearings

ES30

Operating Relative Humidity: 20%~85%RH
 Operating Temperature Range: -10°C~+60°C

MOTOR INSTALLATION



SPECIFICATIONS

Reduction Ratio	Related Tolerance Torque	Max Momentary Tolerance Torque	Efficiency	Radial Play of Shaft	Thrust Play of Shaft	L	Module	No. of Teeth	Pressure Angle	Hole Diameter
1/20	1.0kgf-cm Max	3.0 kgf-cm	66%	≤0.05mm	≤0.35mm	23	0.4	10	20°	1.98, 2.28
1/30, 1/36	1.5kgf-cm Max	4.5 kgf-cm	66%	≤0.05mm	≤0.35mm	23	0.4	10	20°	
1/50, 1/60	2.0kgf-cm Max	6.0 kgf-cm	66%	≤0.05mm	≤0.35mm	23	0.4	10	20°	
1/75, 1/90, 1/100	3.0kgf-cm Max	9.0 kgf-cm	66%	≤0.05mm	≤0.35mm	23	0.4	10	20°	
1/120, 1/150	4.0kgf-cm Max	12.0 kgf-cm	53%	≤0.05mm	≤0.35mm	18	0.4	10	20°	
1/180, 1/200	4.5kgf-cm Max	13.5 kgf-cm	53%	≤0.05mm	≤0.35mm	18	0.4	10	20°	
1/250, 1/300	4.5kgf-cm Max	13.5 kgf-cm	53%	≤0.05mm	≤0.35mm	18	0.4	10	20°	
1/400, 1/500, 1/600	4.5kgf-cm Max	13.5 kgf-cm	53%	≤0.05mm	≤0.35mm	18	0.4	10	20°	
1/810, 1/900, 1/1000	4.5kgf-cm Max	13.5 kgf-cm	53%	≤0.05mm	≤0.35mm	18	0.4	10	20°	

DRAWING

