

DC Gear Motor Series

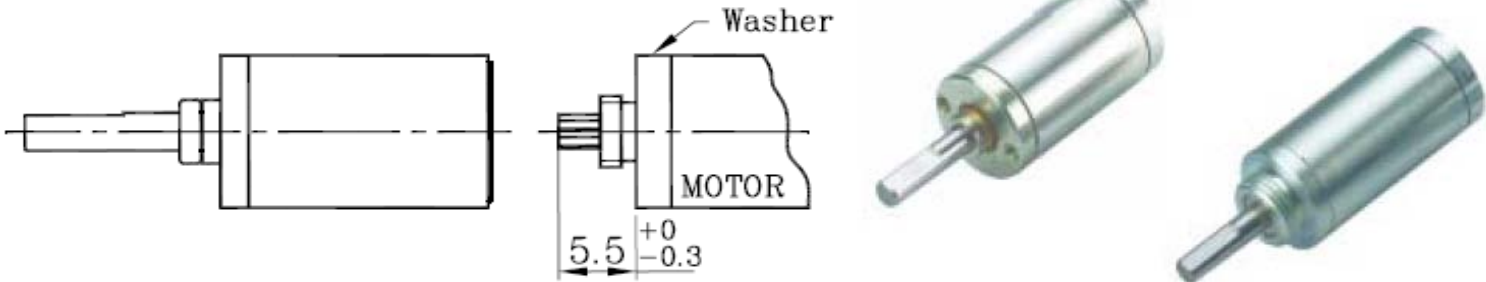


Gearbox with Ball/Sleeve Bearings

EP12

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

MOTOR INSTALLATION

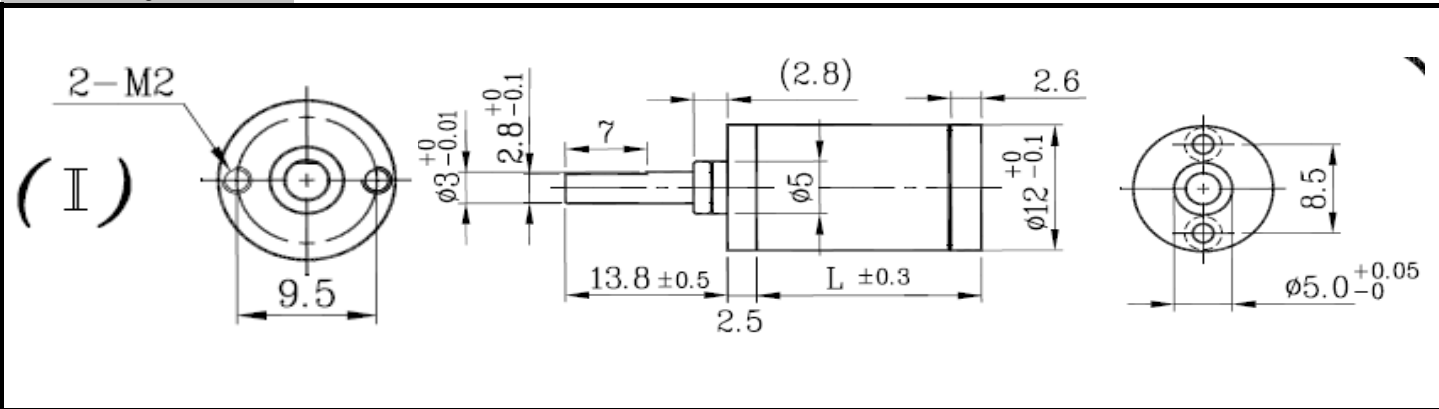


SPECIFICATIONS

Reduction Ratio	Exact 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
1/4	4	0.8kgf-cm Max	2.4 kgf-cm	85%	≤0.05mm	≤0.2mm	12.5	0.25	12	20°	1.49
1/16	16	1.2kgf-cm Max	3.6 kgf-cm	75%	≤0.05mm	≤0.2mm	16.1	0.25	12	20°	1.49
1/64	64	1.6kgf-cm Max	4.8 kgf-cm	65%	≤0.05mm	≤0.2mm	19.4	0.25	12	20°	1.49
1/256	256	1.8kgf-cm Max	5.4 kgf-cm	55%	≤0.05mm	≤0.2mm	22.7	0.25	12	20°	1.49
1/1024	1024	2.0kgf-cm Max	6.0 kgf-cm	45%	≤0.05mm	≤0.2mm	26	0.25	12	20°	1.49
1/4096	4096	2.0kgf-cm Max	6.0 kgf-cm	40%	≤0.05mm	≤0.2mm	29.3	0.25	12	20°	1.49

DRAWING

Sleeve Bearings



Ball Bearings

