

# DC Gear Motor Series

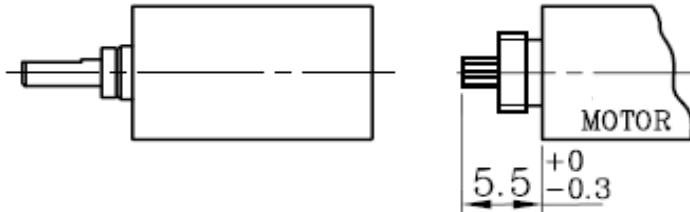


Gearbox with Ball/Sleeve Bearings

## EP10

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
					Sleeve Bearings	Ball Bearings	Sleeve Bearings	Ball Bearings					
1/4	4	0.05kgf-cm Max	0.15 kgf-cm	85%	≤0.05mm	≤0.04mm	≤0.2mm	≤0.2mm	10.2	0.16	12	20°	0.99
1/16	16	0.1kgf-cm Max	0.3 kgf-cm	75%	≤0.05mm	≤0.04mm	≤0.2mm	≤0.2mm	13.3	0.16	12	20°	0.99
1/64	64	0.3kgf-cm Max	0.9 kgf-cm	65%	≤0.05mm	≤0.04mm	≤0.2mm	≤0.2mm	16.4	0.16	12	20°	0.99
1/256	256	0.4kgf-cm Max	1.2 kgf-cm	55%	≤0.05mm	≤0.04mm	≤0.2mm	≤0.2mm	19.5	0.16	12	20°	0.99
1/1024	1024	0.5kgf-cm Max	1.5 kgf-cm	45%	≤0.05mm	≤0.04mm	≤0.2mm	≤0.2mm	22.6	0.16	12	20°	0.99
1/4096	4096	0.6kgf-cm Max	1.8 kgf-cm	40%	≤0.05mm	≤0.04mm	≤0.2mm	≤0.2mm	25.7	0.16	12	20°	0.99

### DRAWING

