



IG-43

Planetary Gearhead Motor Series

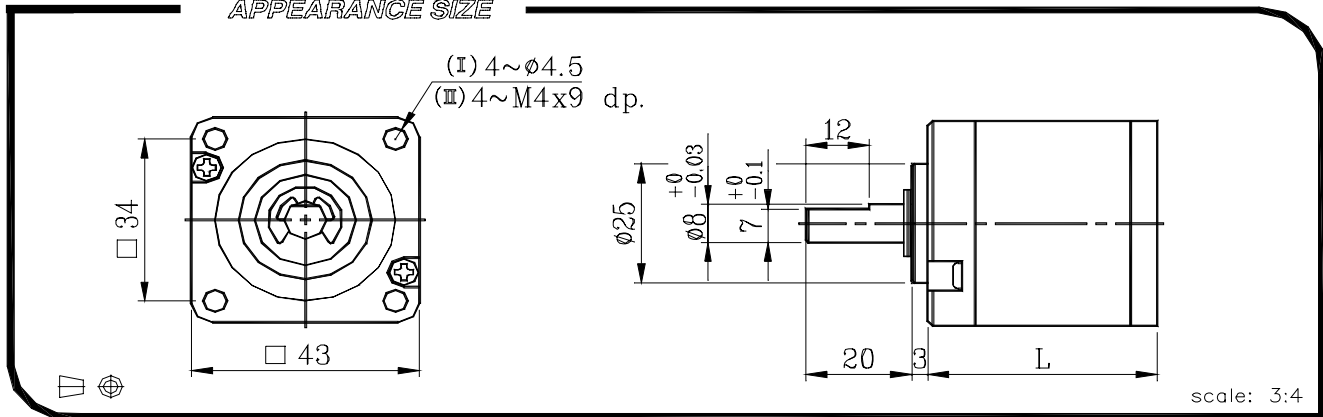
Gearbox with ball bearings
Gearbox with sleeve bearings



20%~85%RH
Operating relative humidity

-10~+60
Operating temperature range

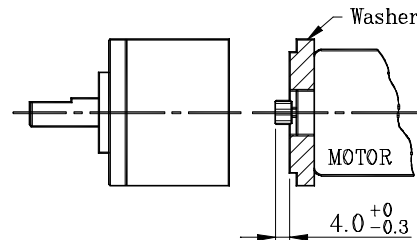
APPEARANCE SIZE



PINION SPECIFICATIONS

Module	0.6			
No. of teeth	12	15	18	24
Pressure angle	20			
Hole diameter	Ø3.16, Ø3.98			
Reduction ratio	1/24, 1/84 1/104, 1/144 1/504, 1/864	1/720, 1/1062 1/1470, 1/2500 1/3000, 1/3600	1/17 1/61 1/212	1/14 1/49

MOTOR INSTALLATION



GEARBOX SPECIFICATIONS

Reduction ratio	Exact reduction ratio	Rated tolerance torque	Max momentary Tolerance torque	Efficiency	Radial play Of shaft	Thrusts play of shaft	L
1/4	4	4kgf - cm Max	12 kgf - cm	80%	≤ 0.05mm	≤ 0.3mm	26.1
1/14, 1/17, 1/24	14, 17 1/3, 24	8kgf - cm Max	24 kgf - cm	70%	32.8	↑	↑
1/49, 1/61, 1/84	49, 60 2/3, 84	15kgf - cm Max	45 kgf - cm	60%	39.5	↑	↑
1/104, 1/144	104, 144	20kgf - cm Max	60 kgf - cm	60%	39.5	↑	↑
1/212, 1/294	212 1/3, 294	25kgf - cm Max	75 kgf - cm	50%	46.2	↑	↑
1/504, 1/624	504, 624	30kgf - cm Max	90 kgf - cm	50%	46.2	↑	↑
1/720, 1/864	720, 864	30kgf - cm Max	90 kgf - cm	50%	46.2	↑	↑
1/1062	1061 2/3	30kgf - cm Max	90 kgf - cm	40%	52.9	↑	↑
1/1470, 1/2500	1470, 2500	30kgf - cm Max	90 kgf - cm	40%	52.9	↑	↑
1/3000, 1/3600	3000, 3600	30kgf - cm Max	90 kgf - cm	40%	52.9	↑	↑