

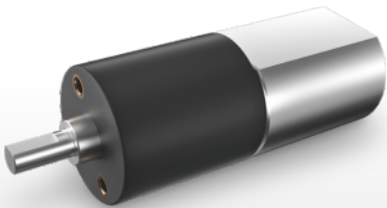
MC016

Φ16mm

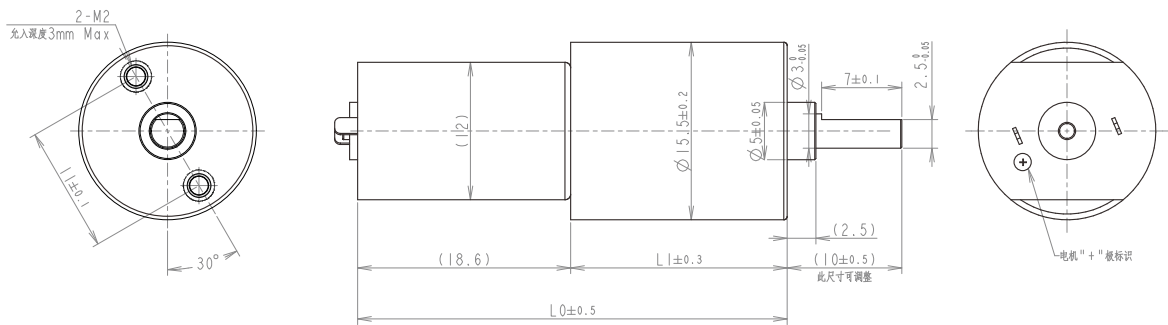
Spur gearbox

Key parameters

- 0.15~0.38W
- 0.01~0.12Nm
- 2.00N



Technical Drawing



Technical Parameters

Gearbox Stages		3	4	5	6	7
Reduction ratio		13、20	30、41、55	84、113、154	210、255、283、384	525、707、1064
Max. continuous transmittable power	W	0.38	0.33	0.30	0.26	0.15
Max. intermittent transmittable power	W	1.14	0.99	0.90	0.78	0.45
Max rated torque	Nm	0.01	0.025	0.05	0.12	0.12
Max Instant torque	Nm	0.03	0.075	0.15	0.36	0.36
Max. efficiency	%	73.00	65.00	59.00	53.00	47.00
Average backlash no load	°	1.50	1.50	1.50	1.50	1.50
Max. axial load (dynamic)	N	2.00	2.00	2.00	2.00	2.00
Max. radial load (4mm from flange)	N	4.00	4.00	4.00	4.00	4.00
Gearbox length L1	mm	13.10	15.70	17.30	18.90	20.50
Weight	G	16.00	16.50	17.00	17.50	18.00

Recommended Model

Model	Rated Voltage (V)	No-Load Data		Load Data			Overall Length (mm)	Gearbox Rated Allowable Torque (NM)	Gearbox Intermittent Allowable Torque (NM)	Reduction Ratio	Gearbox Length L1(mm)
		No-Load Speed (rpm)	No-Load Current (mA max)	Load Speed (rpm)	Load Current (A Max)	Torque (Kg.cm)					
MC016-13	5	534	120	390	320	0.10	31.7	0.010	0.030	13	13.1
MC016-20	5	360	120	300	320	0.10				20	
MC016-30	5	236	120	157	320	0.25	34.3	0.025	0.075	30	15.7
MC016-41	5	177	120	132	320	0.25				41	
MC016-55	5	130	120	110	320	0.25	35.9	0.050	0.150	55	17.3
MC016-84	5	83	120	60	320	0.50				84	
MC016-113	5	70	120	50	320	0.50				113	
MC016-154	5	46	120	40	320	0.50				154	
MC016-210	5	34	120	22	320	1.20	37.5	0.120	0.360	210	18.9
MC016-255	5	28	120	20	320	1.20				255	
MC016-283	5	25	120	19	290	1.20				283	
MC016-384	5	19	120	15	270	1.20				384	
MC016-525	5	14	120	12	220	1.20	39.1	0.120	0.360	525	20.5
MC016-707	5	10	120	7	180	1.20				707	
MC016-1064	5	7	120	5	150	1.20				1064	