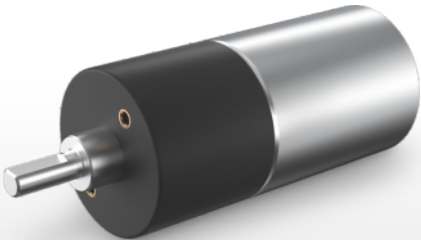


MC024

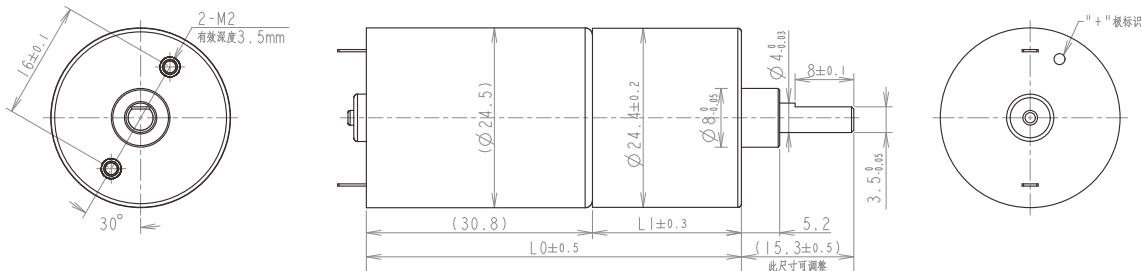
Φ24mm Spur gearbox

Key parameters

- 0.3~2.0W
- 0.08~0.4Nm
- 20.00N



Technical Drawing



Technical Parameters

Gearbox Stages		3	4	5	6	7
Reduction ratio		13、20	30、46、62	94、128、174	235、319、434、591	783、1064
Max. continuous transmittable power	W	2.00	1.80	1.40	0.80	0.30
Max. intermittent transmittable power	W	6.00	5.40	4.20	2.40	0.90
Max rated torque	Nm	0.08	0.15	0.25	0.40	0.40
Max Instant torque	Nm	0.24	0.45	0.75	1.20	1.20
Max. efficiency	%	73.00	65.00	59.00	53.00	47.00
Average backlash no load	°	2.00	2.00	2.00	2.00	2.00
Max. axial load (dynamic)	N	20.00	20.00	20.00	20.00	20.00
Max. radial load (4mm from flange)	N	5.00	5.00	5.00	5.00	5.00
Gearbox length L1	mm	12.90	15.50	17.10	18.70	20.30
Weight	G	64.00	65.00	66.00	67.00	68.00

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)					
MC024-13-01	12	551	75	181	1000	0.8	43.7	0.08	0.24	13	12.9
MC024-20-01	12	367	75	203	850	0.8				20	
MC024-30-01	12	243	75	143	650	1.5				30	
MC024-46-01	12	162	75	118	450	1.5	46.3	0.15	0.45	46	15.5
MC024-62-01	12	119	75	95	450	1.5				62	
MC024-94-01	12	79	75	55	450	2.5				94	
MC024-128-01	12	58	75	45	350	2.5	47.9	0.25	0.75	128	17.1
MC024-174-01	12	43	75	36	350	2.5				174	
MC024-235-01	12	32	75	26	350	4.0				235	
MC024-319-01	12	23	75	20	250	4.0	49.5	0.40	1.20	319	18.7
MC024-434-01	12	17	75	15	250	4.0				434	
MC024-591-01	12	13	75	12	150	4.0				591	
MC024-783-01	12	9	75	9	150	4.0	51.1	0.40	1.20	783	20.3
MC024-1064-01	12	7	75	7	150	4.0				1064	

Note: Specifications can be customized per customer requirements.