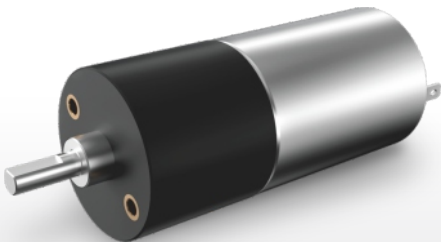


MC028

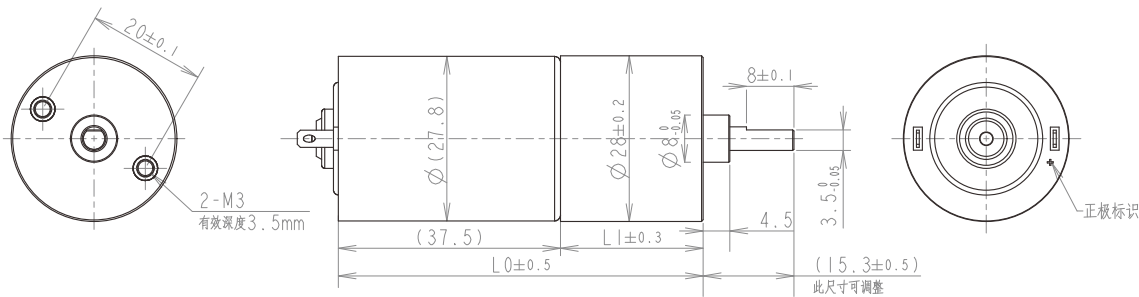
Φ28mm Spur gearbox

Key parameters

- 3.4~5.2W
- 0.1~0.7Nm
- 4.00N



Technical Drawing



Technical Parameters

Gearbox Stages		3	4	5	6	7
Reduction ratio		13、19	29、42	62、81、110	156、227、290	363、599、764
Max. continuous transmittable power	W	5.20	4.60	4.20	3.80	3.40
Max. intermittent transmittable power	W	15.60	13.80	12.60	11.40	10.20
Max rated torque	Nm	0.10	0.20	0.40	0.50	0.70
Max Instant torque	Nm	0.30	0.60	1.20	1.50	2.10
Max. efficiency	%	73.00	65.00	59.00	53.00	48.00
Average backlash no load	°	2.00	2.00	2.00	2.00	2.00
Max. axial load (dynamic)	N	4.00	4.00	4.00	4.00	4.00
Max. radial load (4mm from flange)	N	5.00	5.00	5.00	5.00	5.00
Gearbox length L1	mm	14.50	16.95	19.40	21.85	24.30
Weight	G	96.00	98.00	100.00	102.00	104.00

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)					
MC028-13	12	590	200	494	1100	1.0	52	0.10	0.30	13	14.5
MC028-19	12	400	200	364	800	1.0				19	
MC028-29	12	270	200	220	1100	2.0	54.45	0.20	0.60	29	16.95
MC028-42	12	190	200	165	900	2.0				42	
MC028-62	12	125	200	102	1100	4.0	56.9	0.40	1.20	62	19.4
MC028-81	12	95	200	77	900	4.0				81	
MC028-110	12	70	200	64	800	4.0				110	
MC028-156	12	50	200	45	700	5.0	59.35	0.50	1.50	156	21.85
MC028-227	12	34	200	32	600	5.0				227	
MC028-290	12	27	200	25	500	5.0				290	
MC028-363	12	22	200	20	500	7.0	61.8	0.70	2.10	363	24.3
MC028-599	12	13	200	13	400	7.0				599	
MC028-764	12	10	200	10	400	7.0				764	