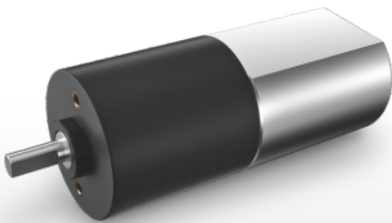


MC020

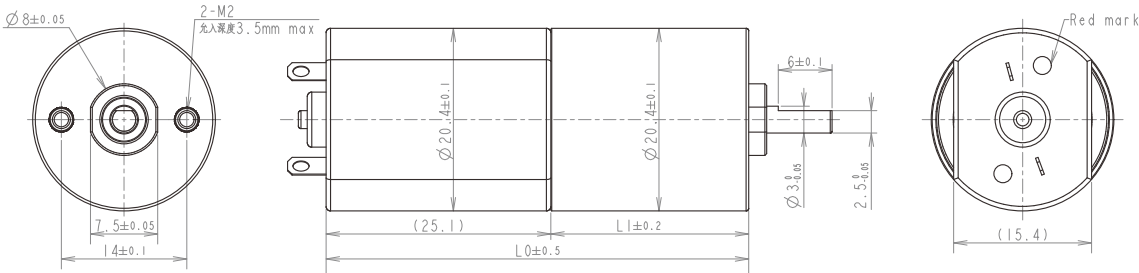
Φ20mm Spur gearbox

Key parameters

- 0.45~1.5W
- 0.04~0.3Nm
- 20.00N



Technical Drawing



Technical Parameters

Gearbox Stages		3	4	5	6	7
Reduction ratio		10、13	21、28、36	52、67、88	125、162、212、270	393、512、652、736
Max. continuous transmittable power	W	1.50	1.30	1.20	1.00	0.45
Max. intermittent transmittable power	W	4.50	3.90	3.60	3.00	1.35
Max rated torque	Nm	0.04	0.07	0.15	0.30	0.30
Max Instant torque	Nm	0.12	0.21	0.45	0.90	0.90
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	20.00	20.00	20.00	20.00	20.00
Max. radial load (4mm from flange)	N	4.00	4.00	4.00	4.00	4.00
Gearbox length L1	mm	14.50	16.40	18.30	20.20	22.10
Weight	G	40.30	41.30	42.30	43.30	44.30

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)					
MC020-10	12	678	100	358	400	0.4	39.6	0.04	0.12	10	14.5
MC020-13	12	519	100	332	400	0.4				13	
MC020-21	12	321	100	182	450	0.7				21	16.4
MC020-28	12	241	100	162	450	0.7	41.5	0.07	0.21	28	
MC020-36	12	188	100	140	450	0.7				36	
MC020-52	12	130	100	76	450	1.5	43.4	0.15	0.45	52	18.3
MC020-67	12	101	100	68	380	1.5				67	
MC020-88	12	77	100	58	350	1.5				88	
MC020-125	12	54	100	33	420	3.0	45.3	0.30	0.90	125	20.2
MC020-162	12	42	100	29	350	3.0				162	
MC020-212	12	32	100	25	300	3.0				212	
MC020-270	12	25	100	21	250	3.0				270	
MC020-393	12	17	100	15	210	3.0	47.2	0.30	0.90	393	22.1
MC020-512	12	13	100	12	190	3.0				512	
MC020-652	11	11	100	10	170	3.0				652	
MC020-736	10	10	100	9	150	3.0				736	