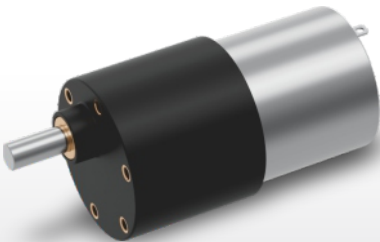


MC037E

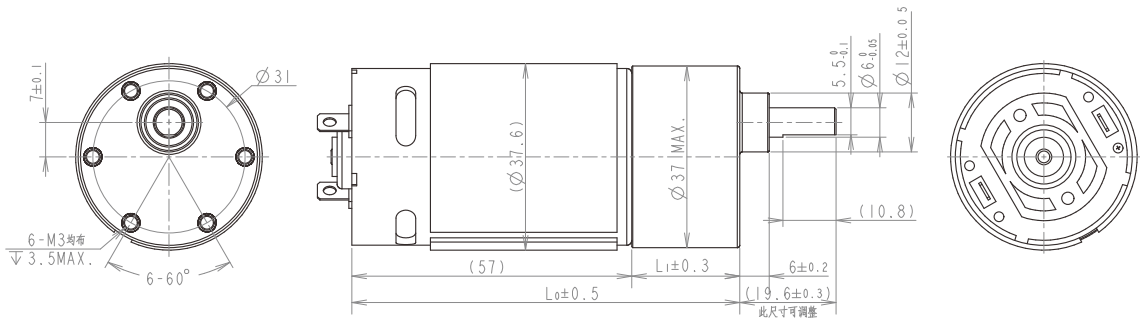
Φ37mm Spur gearbox

Key parameters

- 5.5W
- 0.3~0.9Nm
- 300N



Technical Drawing



Technical Parameters

Gearbox Stages		3	4	5	6	7
Reduction ratio		23、33	49、79	106、152、214	288、414、584	785、1130
Max. continuous transmittable power	W	5.50	5.50	5.50	5.50	5.50
Max. intermittent transmittable power	W	16.50	16.50	16.50	16.50	16.50
Max rated torque	Nm	0.30	0.50	0.70	0.90	0.90
Max Instant torque	Nm	0.90	1.50	2.10	2.70	2.70
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	300.00	300.00	300.00	300.00	300.00
Max. radial load (4mm from flange)	N	10.00	10.00	10.00	10.00	10.00
Gearbox length L1	mm	21.60	24.20	26.80	29.40	32.00
Weight	G	58.50	62.50	67.50	75.00	79.50

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)					
MC037E-23	12	250	150	182	700	3.0	53.25	0.30	0.90	23	21.6
MC037E-33	12	174	150	138	550	3.0				33	
MC037E-49	12	117	150	88	600	5.0	55.85	0.50	1.50	49	24.2
MC037E-79	12	73	150	65	400	5.0				79	
MC037E-106	12	54	150	48	650	7.0	58.45	0.70	2.10	106	26.8
MC037E-152	12	38	150	35	500	7.0				152	
MC037E-214	12	27	150	25	400	7.0				214	
MC037E-288	12	20	150	19	300	9.0	61.05	0.90	2.70	288	29.4
MC037E-414	12	14	150	13	200	9.0				414	
MC037E-584	12	10	150	10	150	9.0				584	
MC037E-785	12	7	150	7	150	9.0	63.65	0.90	2.70	785	32
MC037E-1130	12	5	150	5	150	9.0				1130	