

MC037C

Φ37mm

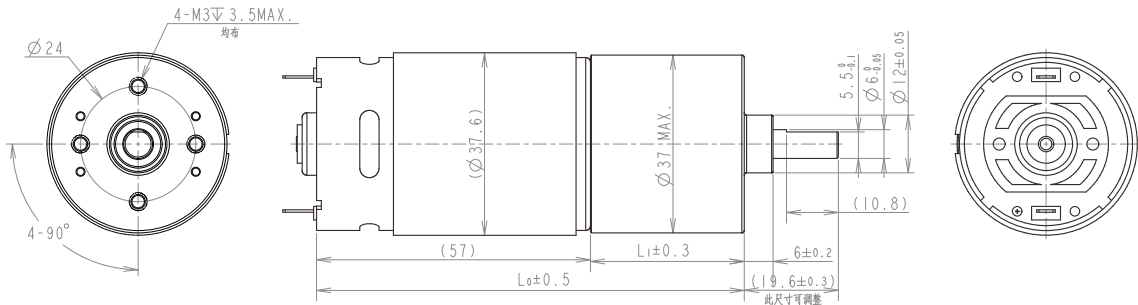
Spur gearbox

Key parameters

- 5.5W
- 0.2~0.9Nm
- 300N



Technical Drawing



Technical Parameters

Gearbox Stages		3	4	5	6	7
Reduction ratio		14、20	29、42	63、91、131	172、248、314、452	595、856、1084
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	0.20	0.40	0.70	0.90	0.90
Max Instant torque	Nm	0.60	1.20	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)					
MC037C-14	12	411	200	183	1600	2.0	78.6	0.20	0.60	14	21.6
MC037C-20	12	288	200	166	1100	2.0				20	
MC037C-29	12	198	200	103	1300	4.0	81.2	0.40	1.20	29	24.2
MC037C-42	12	137	200	68	950	4.0				42	
MC037C-63	12	91	200	64	950	7.0	58.45	0.70	2.10	63	26.8
MC037C-91	12	63	200	52	800	7.0				91	
MC037C-131	12	44	200	38	600	7.0				131	
MC037C-172	12	33	200	28	600	9.0	61.05	0.90	2.70	172	29.4
MC037C-248	12	23	200	21	450	9.0				248	
MC037C-314	12	18	200	17	400	9.0				314	
MC037C-452	12	13	200	12	300	9.0				452	
MC037C-595	12	10	200	9	300	9.0	63.65	0.90	2.70	595	32
MC037C-856	12	7	200	7	250	9.0				856	
MC037C-1084	12	5	200	5	200	9.0				1084	