

Rotary Solenoid

--M340



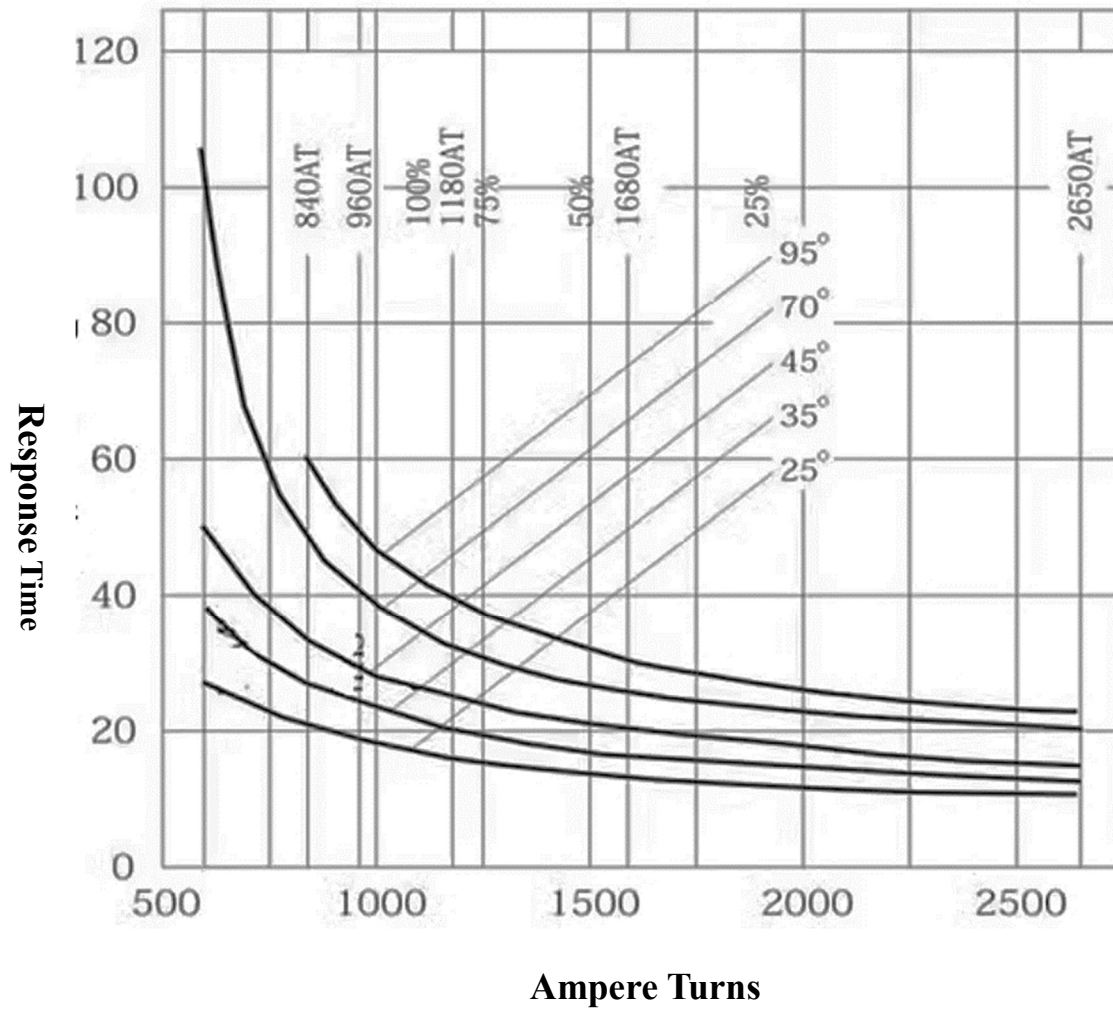
Description

The M340 Rotary Solenoid from Shanglinmotor boasts a self-returning mechanism, utilizing high-performance bearings and spring for flawless mechanical reset and lightning-fast response. With its compact 34mm diameter and low energy consumption, it seamlessly integrates into various applications. With an impressive lifespan of up to 10 million cycles, the M340 Rotary Solenoid has been widely acclaimed for its exceptional performance and versatility.

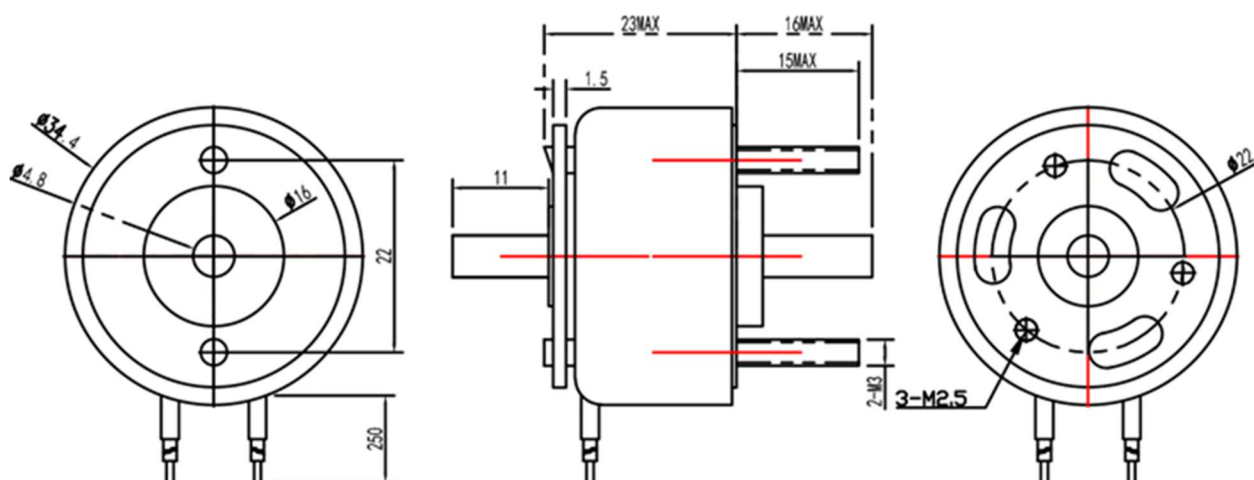
Specifications

Duty Circle		100% continues	75% or less	50% or less	25% or less	10% or less
Max Time (s)		∞	100	90	30	6
Watts (20°C)		9	12	18	36	90
Ampere-turns (20°C)		530	610	750	1050	1670
Gross Starting Torque (N.m 20°C) Return Spring Torque (0.013~0.020N.m)	25°C	0.04	0.052	0.081	0.15	0.31
	35°C	0.029	0.04	0.063	0.115	0.23
	45°C	0.017	0.022	0.04	0.092	0.16
	70°C	0.012	0.017	0.022	0.046	0.075
Resistance ± 10% (20°C)		Voltage DC (V)				
2.3		4.5	5.2	6.4	9	14
4		6	6.9	8.5	12	19
6.3		7.5	8.6	11	15	24
9		9	10	13	18	28
16		12	14	17	24	38
25		15	17	21	30	47
36		18	21	25	36	57
49		21	24	30	42	66
64		24	27	34	48	76
100		30	35	42	60	95
144		36	42	51	72	114
196		42	48	59	84	133
256		48	55	68	96	152
324		54	62	76	108	171
400		60	69	85	120	190

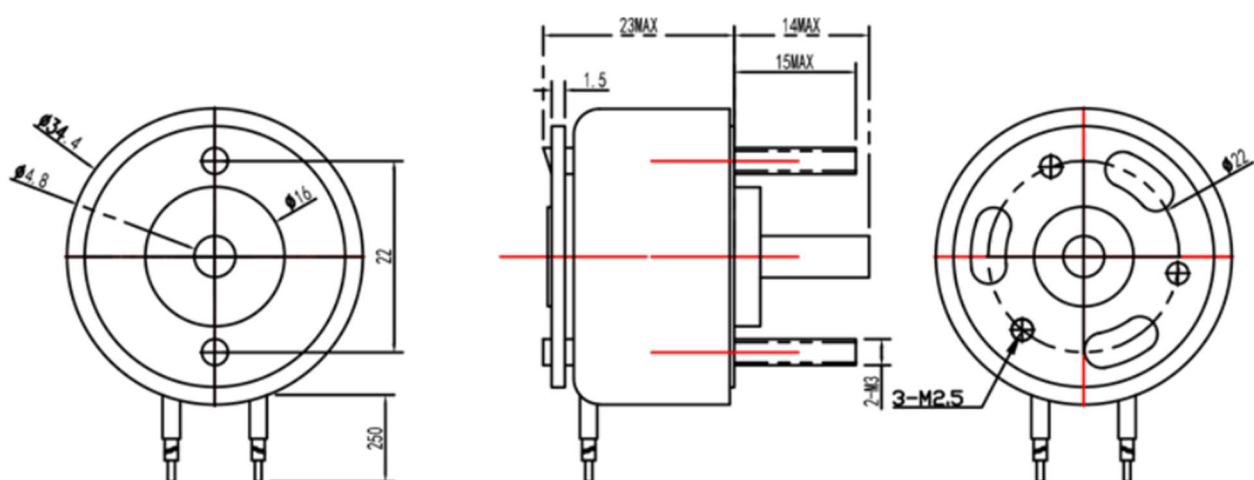
Note: There is 1mm axial displacement during operation, and 25° limit and 45° limit are common options.



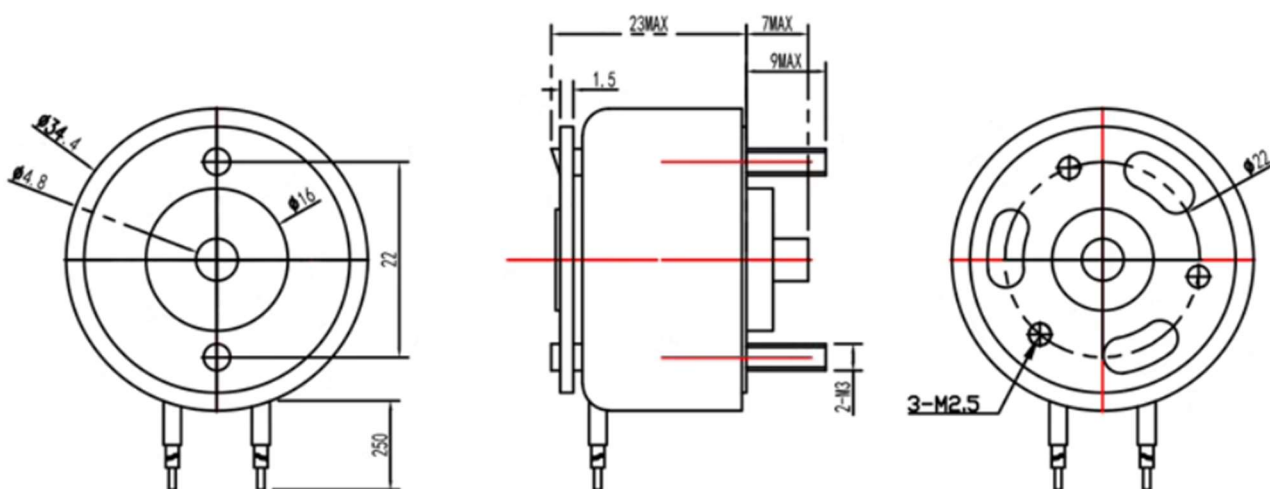
Dimension



Top and Bottom Shaft



Bottom Shaft



Without Shaft

Unit: mm

Limit Options

Angle option: 25°, 35°, 45°, 70°



Right rotation



Left rotation

Shaft Options



Top Output



Dual Output



Bottom Output

Support

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