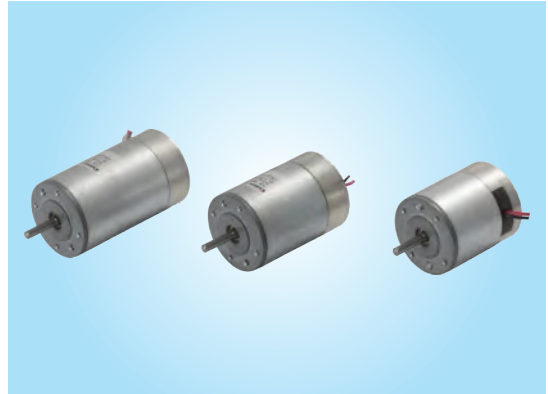


MB040JS

DC Brush Motor



General information

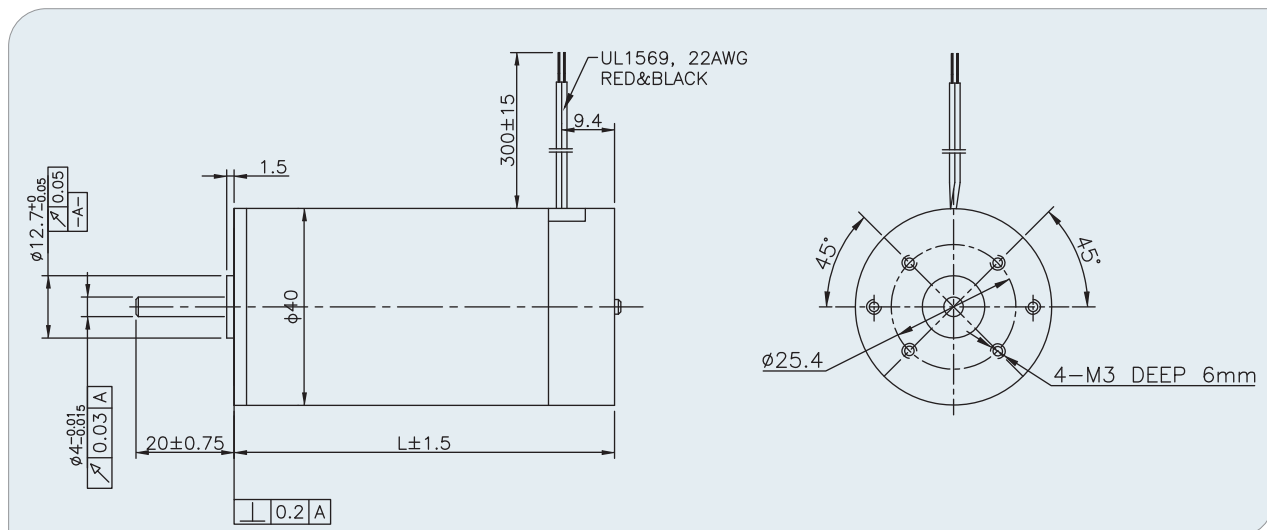
- Ball bearing/sintered Bronze bearing available
- Ceramic Magnet
- 7-slot Armature
- Copper-Graphite Brush
- Encoder Planetary gearbox available

Specifications

SPECIFICATION		MB040JS100	MB040JS200	MB040JS300	MB040JS400	MB040JS500	MB040JS600
Rated Voltage	(VDC)	24	24	24	24	24	24
No Load Speed	(RPM)	6870	5880	6100	6320	4920	5230
No Load Current	(A)	0.16	0.15	0.18	0.19	0.16	0.18
Nominal Speed	(RPM)	5770	5410	5200	6000	4400	4850
Nominal Torque	(NCM)	1.7	3.3	4.3	4.9	6.7	8.1
Nominal Current	(A)	0.88	1.35	1.35	2.08	2.14	2.77
Nominal Power	(W)	10.3	18.7	23.4	30.8	30.9	41.1
Peak Torque	(NCM)	9.6	22.2	29	34.7	43.6	54.2
Peak Current	(A)	3.25	6.09	8.1	10.1	9.64	13
Ke	(V/KRPM)	3.25	3.9	3.82	3.65	4.8	4.44
Rotor Inertia	(Kg.m ² x10 ⁻⁶)	1.9	3.2	4.2	5.6	7.1	8.5
Resistance	(OHMS)	7.38	3.94	2.98	2.37	2.49	1.85
Insulation Class		B	B	B	B	B	B
Weight	(Kg)	0.16	0.19	0.25	0.34	0.39	0.44
L	(mm)	48	57	62	70	78.8	86

MB040JS

● Mechanical



● Characteristic diagram

