

MB030JS

DC Brush Motor



General information

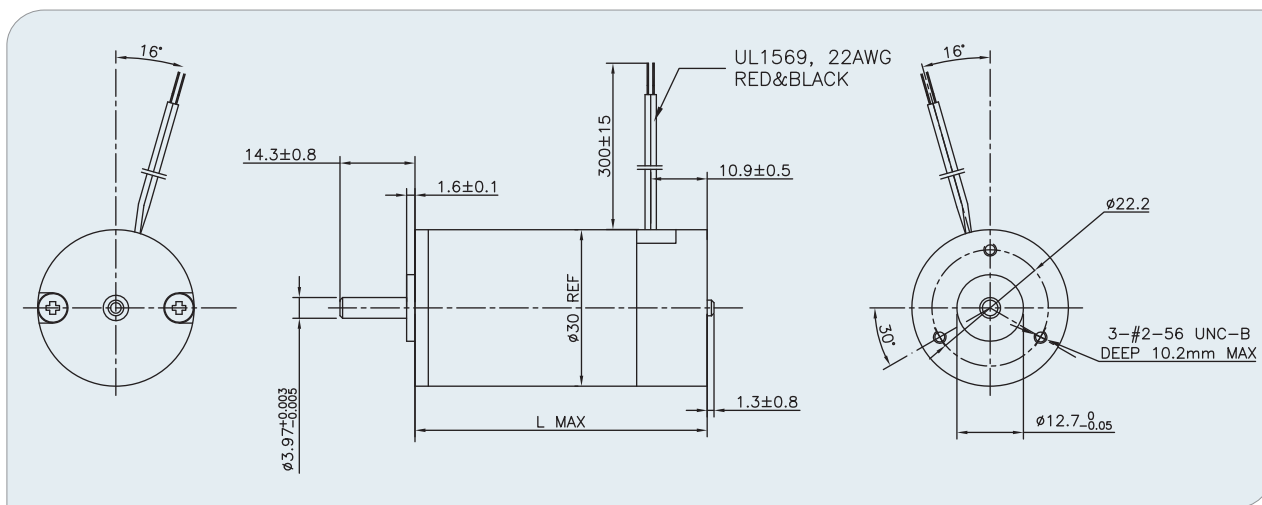
- Ball Bearings
- 7-Slot Armature
- Copper-Graphite Brushes
- 2-Pole Stator
- Heavy-Gage Steel Housing
- Diamond-Turned Commutator
- Ceramic Magnets
- Silicon Steel Laminations
- Encoders, Gearboxes and brakes available

Specifications

SPECIFICATION		MB030JS100	MB030JS200	MB030JS300
Voltage	(VDC)	24	24	24
No Load Speed	(RPM)	7700	8150	9960
No Load Current	(A)	0.12	0.13	0.18
Rated Speed	(RPM)	5180	5970	8070
Rated Torque	(Ncm)	1.13	1.41	1.84
Rated Current	(A)	0.58	0.74	1.14
Rated Power	(W)	6.1	8.8	15.5
Peak Torque	(Ncm)	5.11	7.34	11.7
Peak Current	(A)	1.98	2.91	5.54
Terminal Resistance	(OHMS)	12.1	8.24	4.33
Inductance	(mH)	6.27	4.57	2.34
Voltage Constant	(V/KRPM)	2.87	2.76	2.29
Rotor Inertia	(Kg.cm ²)	0.00989	0.012	0.0162
Insulation Class		F	F	F
L	(mm)	52.58	55.75	62.1
Weight	(Kg)	0.13	0.15	0.17

MB030JS

● Mechanical



● Characteristic diagram

