

PM030JS

DC Brush Motor



● General information

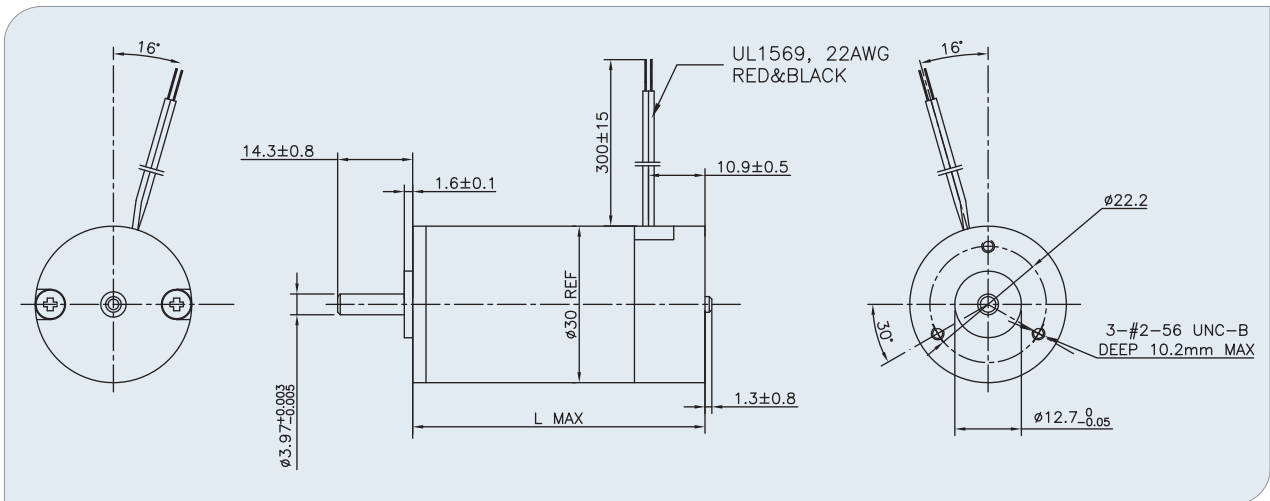
- ▶ Ball Bearings
- ▶ 7-Slot Armature
- ▶ Copper-Graphite Brushes
- ▶ 2-Pole Stator
- ▶ Heavy-Gage Steel Housing
- ▶ Diamond-Turned Commutator
- ▶ Ceramic Magnets
- ▶ Silicon Steel Laminations
- ▶ Encoders, Gearboxes and brakes available

● Specifications

SPECIFICATION		PM030JS100	PM030JS200	PM030JS300
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

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● Mechanical



● Characteristic diagram

