

MB042DK

DC Brush Motor



General information

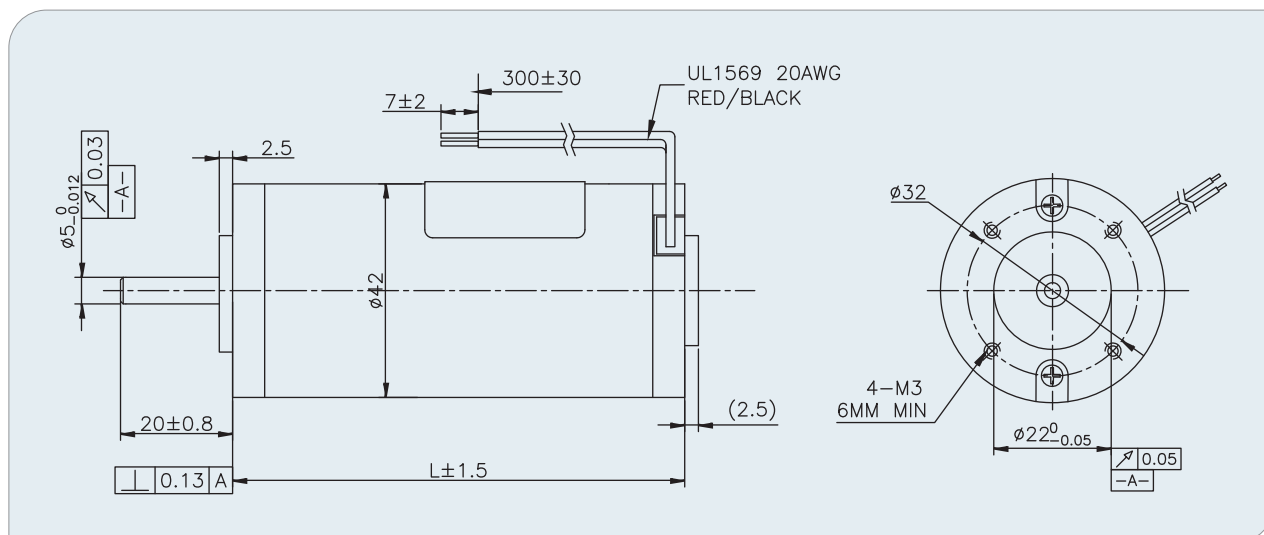
- Mounting holes to DIN standard
- Graphit-copper brushes
- Encoder Brake and Planetary gearbox available
- Ball bearings

Specifications

SPECIFICATION		MB042DK100	MB042DK200	MB042DK300
Voltage	(VDC)	24	24	24
No Load Speed	(RPM)	4250	4000	3750
No Load Current	(A)	0.2	0.2	0.15
Nominal Speed	(RPM)	3400	3000	3000
Nominal Torque	(Ncm)	4	7.5	9
Nominal Current	(A)	1	1.6	1.75
Nominal Power	(W)	14.3	24	28.3
Peak Torque	(Ncm)	15	30	37
Peak Current	(A)	3.5	6	7.5
Ke	(V/KRPM)	5.34	5.8	6.03
Rotor Inertia	(Kg.cm ²)	0.06	0.095	0.13
Resistance	(OHMS)	5.31	4.15	3.72
Insulation Class		B	B	B
Weight	(Kg)	0.48	0.6	0.64
L	(mm)	75	85	95

MB042DK

Mechanical



Characteristic diagram

