

PM042DK

DC Brush Motor

General information

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



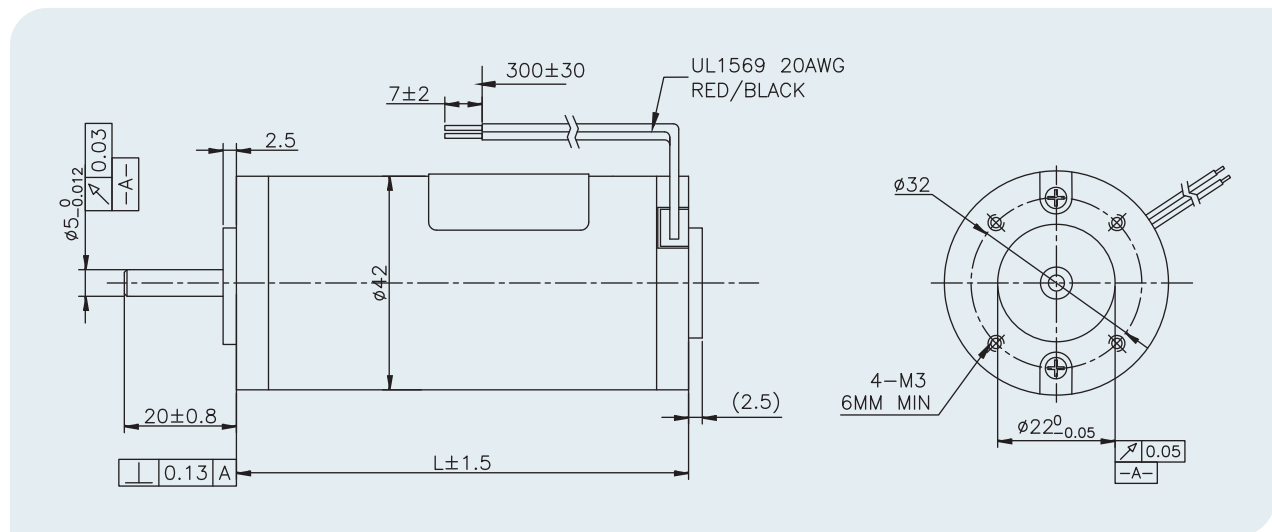
Specifications

SPECIFICATION		PM042DK100	PM042DK200	PM042DK300
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

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Mechanical



Characteristic diagram

