

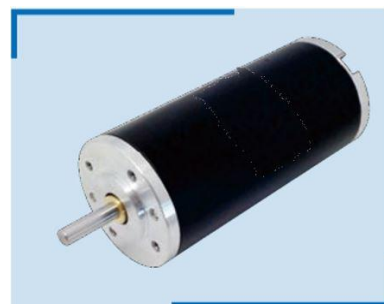
Permanent Magnet Brush DC Motor APBR42x70

Motor Specifications

Shaft materials 3Cr13, HRC 36~40
 High quality ball bearing
 Hard ferrite magnet, 2- poles
 Protection class IP 50
 Insulation class: F, operating temperature range: -40°C~+140°C
 CE and ROHS certified

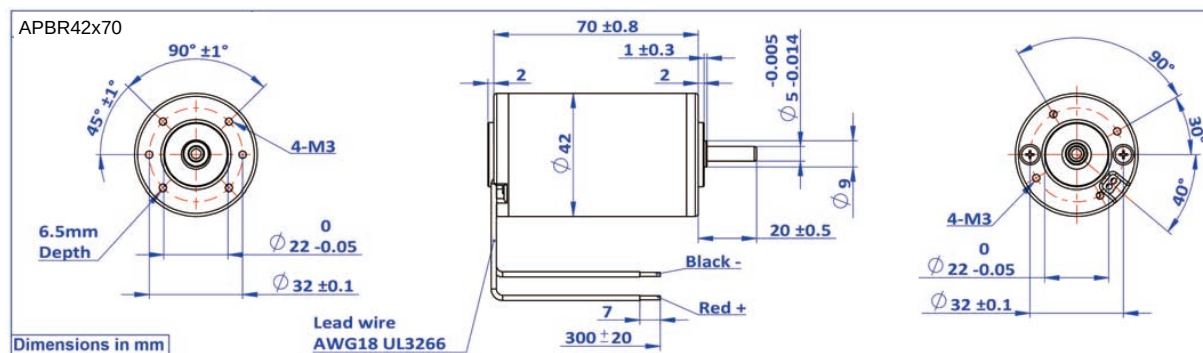
Options

Customized voltage, winding, shaft, mounting, and lead configurations
 EMI/RFI suppression circuit; Thermal protection, high temperature Class H insulation

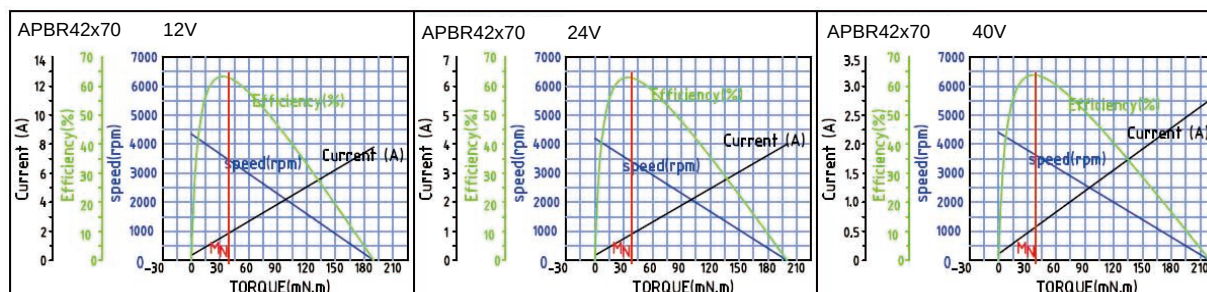


Model	APBR42x70			
Rated voltage	V dc	12	24	40
Continuous rated speed	rpm	3400	3500	3700
Continuous rated torque	mN.m	39	38	39
Continuous current	A	1.9	0.9	0.6
Starting torque	mN.m	190	200	220
Starting current	A	7.8	4	2.76
No load speed	rpm	4300	4200	4400
No load current	A	0.35	0.18	0.12
Demagnetization current	A	14	6.5	4.1
Rotor inertia	gcm ²	71	71	71
Weight of motor	g	390	390	390
Motor length	mm	70	70	70

Drawing



Characteristic diagram



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