

Permanent Magnet Brush DC Motor APBR42x90B

Motor Specifications

shaft materials 3Cr13, HRC 36~40

High quality ball bearing

Hard ferrite magnet, 2- poles

Protection class IP 50

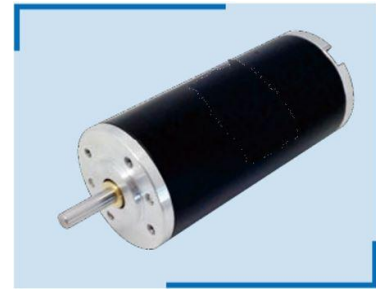
Insulation class: F, operating temperature range: -40°C~+140°C

CE and ROHS certified

Options

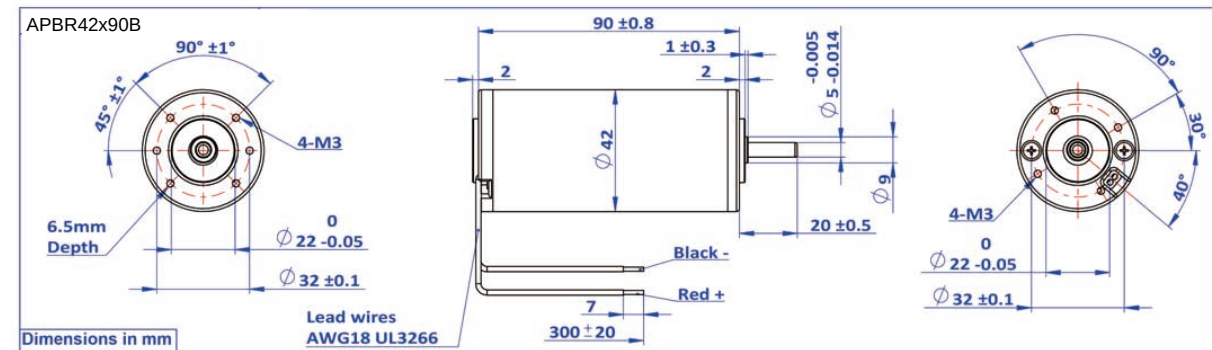
Customized voltage, winding, shaft, mounting, and lead configurations

EMI/RFI suppression circuit; Thermal protection, high temperature Class H insulation

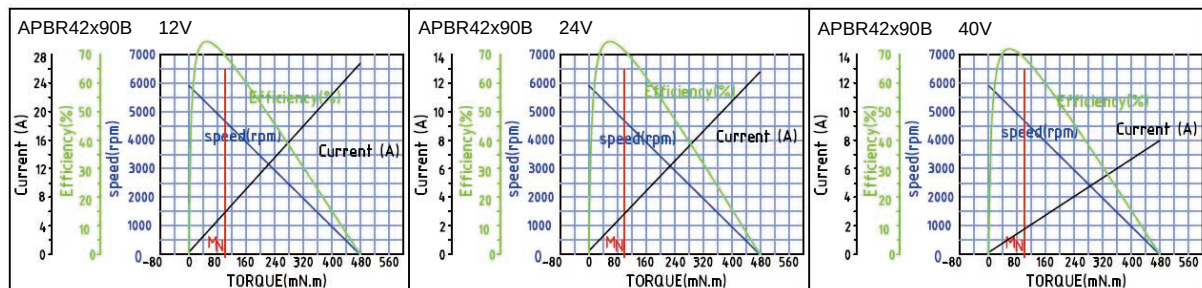


Model	APBR42x90B			
Rated voltage	V dc	12	24	40
Continuous rated speed	rpm	4700	4700	4700
Continuous rated torque	mN.m	100	100	100
Continuous current	A	5.85	2.86	1.78
Starting torque	mN.m	479	479	479
Starting current	A	26.71	12.76	7.97
No load speed	rpm	5900	5900	5900
No load current	A	0.4	0.35	0.25
Demagnetization current	A	52	24	14
Rotor inertia	gcm ²	154	154	154
Weight of motor	g	550	550	550
Motor length	mm	90	90	90

Drawing



Characteristic diagram



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