

Permanent Magnet Brush DC Motor APBR42x90A

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

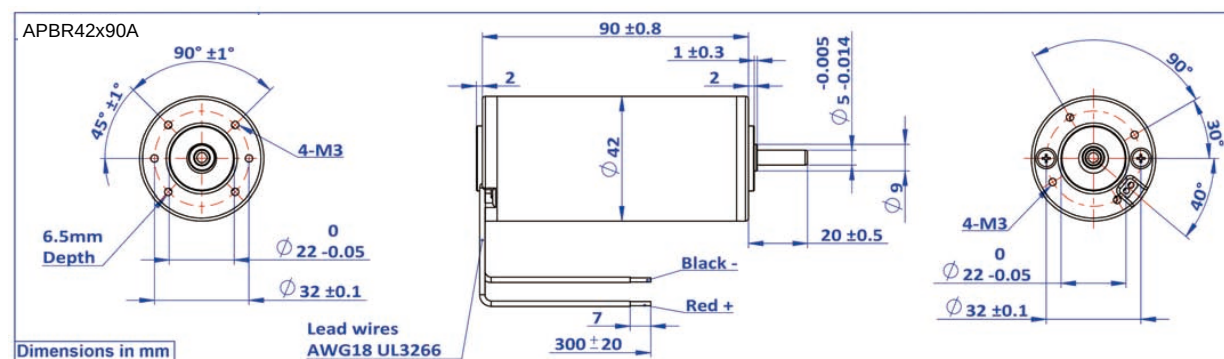
Options

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

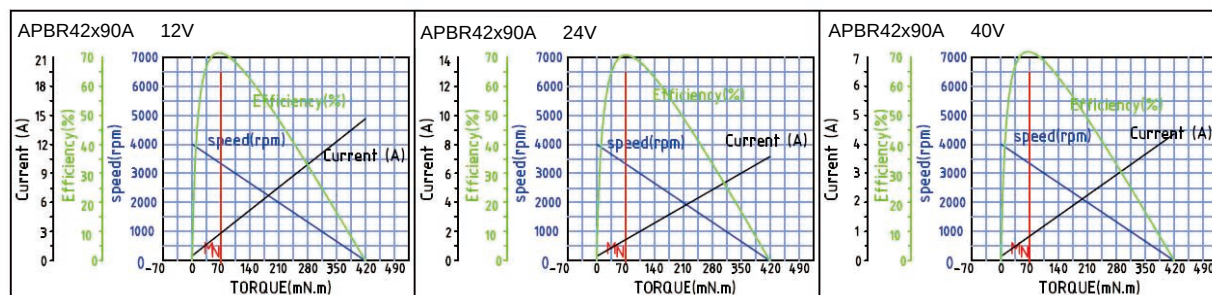


Model	APBR42x90A			
Rated voltage	V dc	12	24	40
Continuous rated speed	rpm	3350	3350	3350
Continuous rated torque	mN.m	70	70	70
Continuous current	A	2.85	1.45	0.85
Starting torque	mN.m	420	420	420
Starting current	A	14.63	7.15	4.36
No load speed	rpm	4000	4000	4000
No load current	A	0.4	0.35	0.15
Demagnetization current	A	28	14	8
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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