

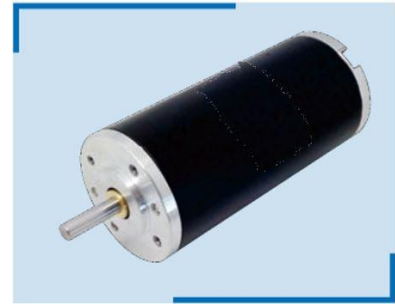
Permanent Magnet Brush DC Motor APBR42x90C

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

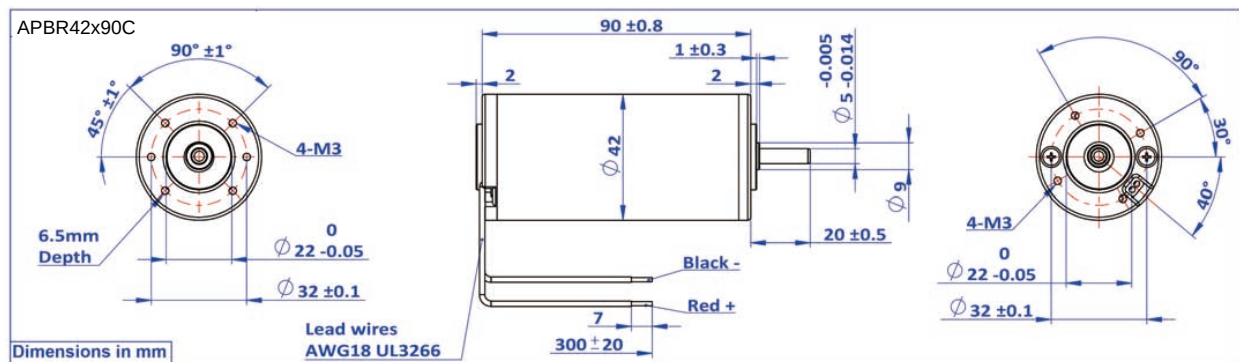
Options

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

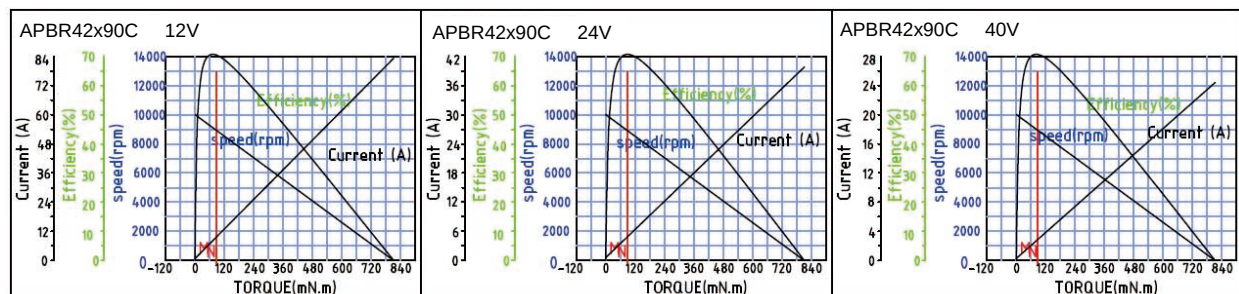


Model	APBR42x90C			
Rated voltage	V dc	12	24	40
Continuous rated speed	rpm	8770	8770	8770
Continuous rated torque	mN.m	100	100	100
Continuous current	A	10.95	5.43	3.27
Starting torque	mN.m	812	812	812
Starting current	A	83.22	39.80	24.39
No load speed	rpm	10000	10000	10000
No load current	A	0.8	0.6	0.35
Demagnetization current	A	160	78	48
Rotor inertia	gcm ²	154	154	154
Weight of motor	g	550	550	550
Motor length	mm	90	90	90

Drawing



Characteristic diagram



We are here for you. Addresses and Contacts.

Headquarter Switzerland:

Angst+Pfister Sensors and Power AG
Thurgauerstrasse 66
CH-8050 Zurich
Phone +41 44 877 35 00
sensorsandpower@angst-pfister.com

Office Germany:

Angst+Pfister Sensors and Power Deutschland GmbH
Edisonstraße 16
D-85716 Unterschleißheim
Phone +49 89 374 288 87 00
sensorsandpower.de@angst-pfister.com

Office North America:

Angst+Pfister North America Inc.
10391 Brecksville Rd.
US-Brecksville, OH 44141
Phone +1 440 375-5212
info.apus@angst-pfister.com

Scan here and get an overview of personal contacts!



<https://sensorsandpower.angst-pfister.com/en/>
