

Permanent Magnet Brush DC Motor APBR90x199

Motor Specifications

Shaft materials 3Cr13, HRC 36~40
 High quality ball bearing
 Hard ferrite magnet, 4- poles
 Protection class IP 50
 Insulation class: F, operating temperature range: -40°C~+140°C
 CE and ROHS certified

Options

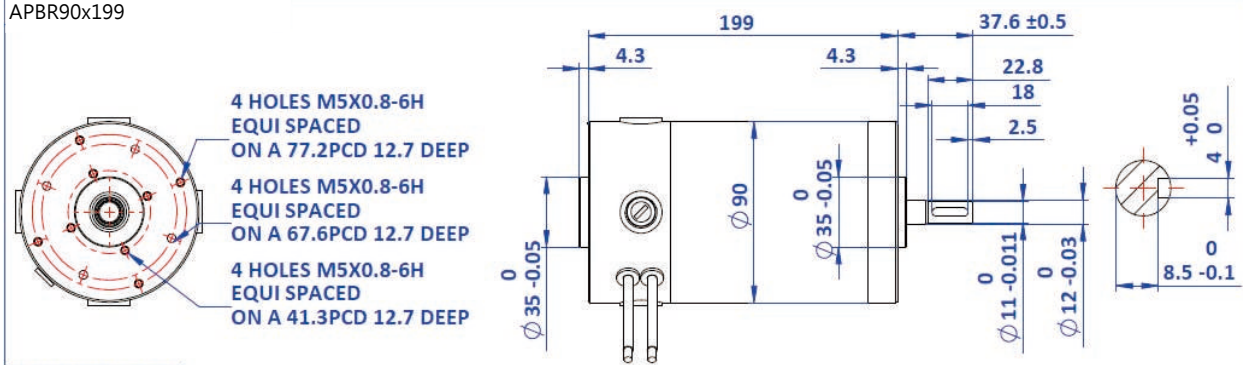
Customized voltage, winding, shaft, mounting, and lead configurations
 EMI/RFI suppression circuit; Thermal protection, high temperature Class H insulation



Model	APBR90x199			
Rated voltage	V dc	12	24	40
Continuous rated speed	rpm	3000	3000	3000
Continuous rated torque	N.m	1.8	1.8	1.8
Continuous current	A	65	32	19
Starting torque	N.m	12.8	12.8	12.8
Starting current	A	438	210	127
No load speed	rpm	3600	3600	3600
No load current	A	3.5	2.5	1.5
Weight of motor	Kg	4.5	4.5	4.5
Motor length	mm	199	199	199

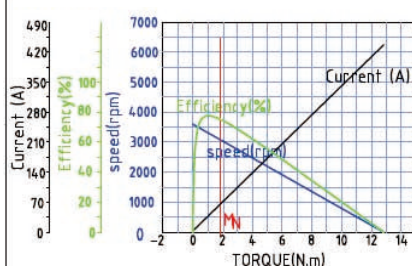
Drawing

APBR90x199

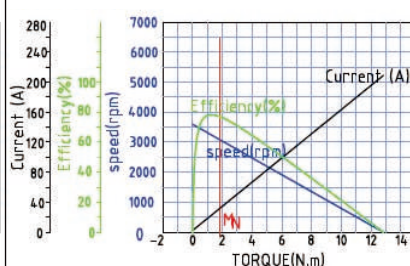


Characteristic diagram

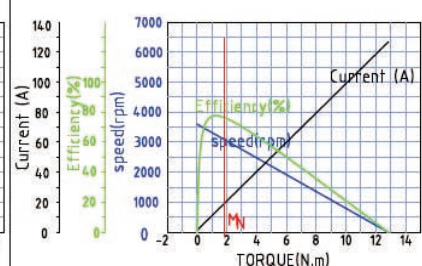
APBR90x199 12V



APBR90x199 24V



APBR90x199 40V



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