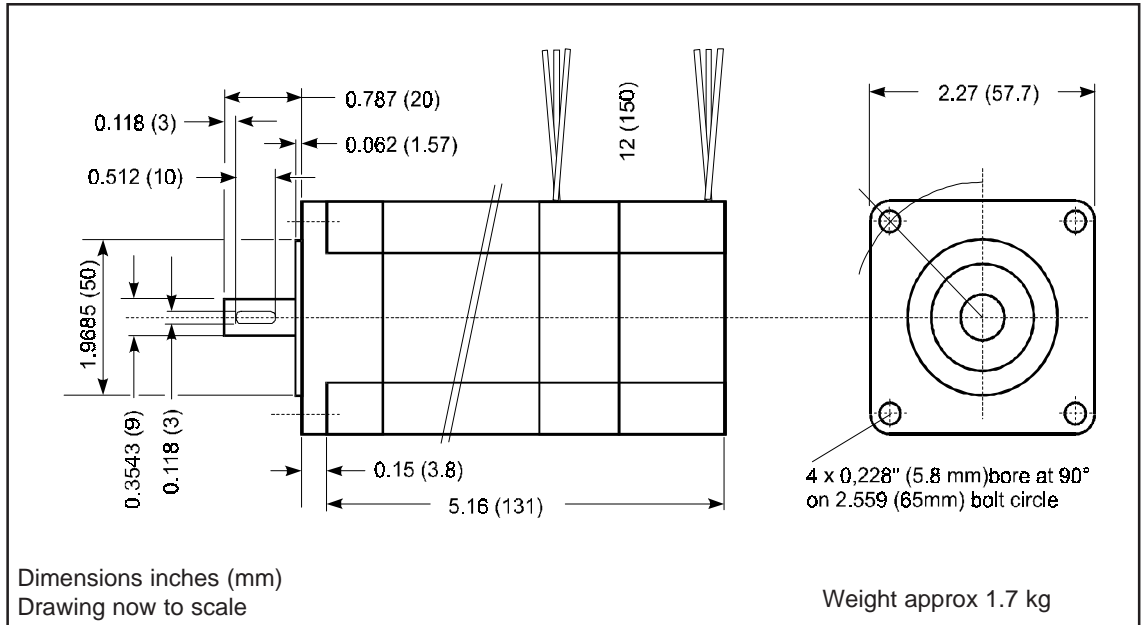


SYNCHRONOUS (BRUSHLESS) MOTOR FOR DSP EVALUATION WITH MCK240 TOOLS



Specifications

Continuous Torque rating	Nm	1.0
Rated Stall Torque	Nm	0.95
Peak Torque Rating	Nm	3.0
No Load Speed	rpm	7000
Rated Voltage	V	325
Rated Current	A	2.06
Peak Current	A	7.2
Torque Constant	Nm/A	0.53
Line Resistance (hot)	Ohms	15.3
Line Inductance	mH	10.9
Rotor Inertia	kgm ²	0.35 x 10 ⁻⁴
Mechanical Time Constant	ms	1.96
Electrical Time Constant	ms	1.08
Number of Pole Pairs	#	4

The brushless motor series motor are offered to test and evaluate the TMS320F240 and C243 DSP from Texas Instruments.

They have been selected to offer dynamic response with the Professional Development Kits of Technosoft and match the performance of the ACPM750 power stage perfectly.

Only available with the purchase of the Professional development kits!

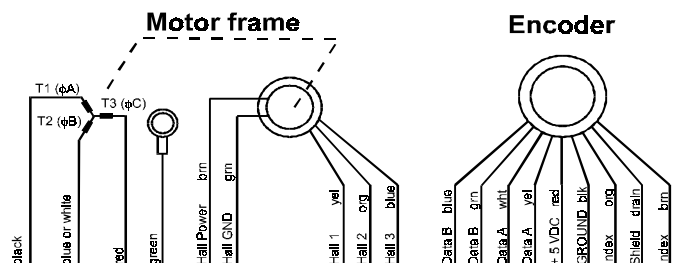
Specifications subject to change without notice

Two models of the brushless motors are available

Article # SYPMN00011
with

- * Hall Sensors
- * Incremental encoder
Resolution 1000 lines

Motor ID#: MMB232-NH03 (or other)



Article # SYPMN00012
with

- * Resolver feedback
Resolution 1024 lines

Motor ID#: MMB232-NR00 (or other)

