

Stepper Motor

1.8 Degree Hybrid Stepper Motor
PN 16298

2016 Data Sheet

COBHAM

The most important thing we build is trust

Features:

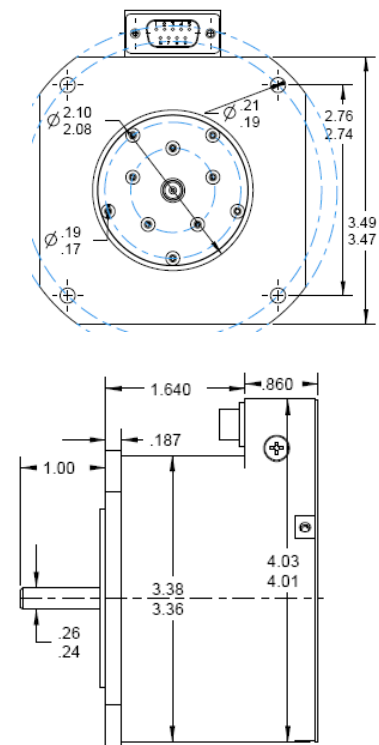
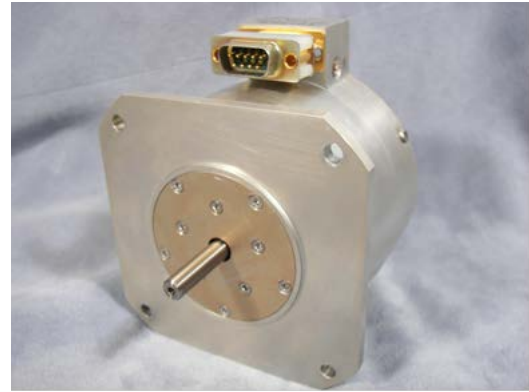
- Hybrid stepper motor
- Aerospace rated bearings
- Wet lubrication
- Output shaft

Description:

A 1.8 degree Hybrid stepper motor for high reliability applications. Typically used on aerospace platforms.

Specifications

Specification	Value	Units	Basis
Step Angle	1.8	degrees	Nominal
Step Rate	285	pps	Maximum
Voltage	30	VDC	Maximum
Power	3.1	watts	Nominal
Km	25	in-oz√watts	Nominal
Running Torque	27	in-oz	Minimum
Holding Torque Kt	470	in-oz/amp	Nominal
Holding Torque	47	in-oz	Minimum
Unpowered Torque	12	in-oz	Minimum
Phase Resistance	299	ohms	Nominal
Phase Inductance	940	mH	Nominal
Number of Phases/Poles	2/50	phase/poles	By Design
Redundant Windings	No	windings	By Design
Weight	2.8	pounds	Nominal



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