

# Motor Gearhead

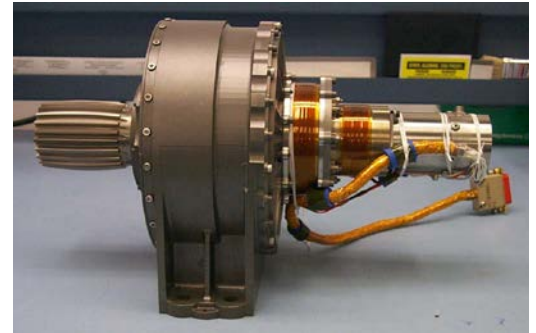
**COBHAM**

PN 16296

2016 Data Sheet

The most important thing we build is trust

Specification	Value	Units	Basis
Gear Ratio	320, 890:1	ratio	by design
Stall Torque	2500	ft-lb	maximum
Operating Torque	232	ft-lb	nominal
Output Speed	0.02	RPM	nominal
Backlash	0.15	degrees	maximum
Weight	14	pounds	nominal



Specification	Value	Units	Basis
Voltage	24	VDC	nominal
Power	75	watts	maximum
Km	2.31	in-oz $\sqrt$ watt	nominal
Kt	5.1	in-oz/amp	minimum
Phase Resistance	5	ohms	nominal
Phase Inductance	0.75	$\mu$ H	nominal
Phases/Poles	3/6	phases/poles	by design
Redundant Windings	no	windings	by design
Brake Holding Torque	1167	ft-lb	minimum
Brake Voltage	17	VDC	maximum

