



**Description:**

Designed for low voltage operation where economy and a standard NEMA 23 interface are requirements. Designed with an operating voltage of 12 volts, this motor is capable of delivering 25 oz-in continuously or in excess of 80 oz-in peak torque. Other standard voltages of 24 and 48 volts are also available. The performance is accomplished in a compact 2.25" diameter by 2.23" length. This workhorse utilizes a cast end bell and a convenient front NEMA 23-style plate mount to simplify implementation. The motor was designed for reciprocating load requirements and is an excellent choice for blower, pump and industrial process applications.



**SPECIFICATIONS**

PARAMETER	UNITS	Value
Torque Constant	oz-in/amp	1.65
Back EMF Constant	V/Krpm	1.22
D.C. Resistance	ohms	0.12
Inductance	mH	0.11
Max Speed	rpm	15,000
Cont. Stall Torque	oz-in	25
Motor Constant	oz-in/sq.rt.W	5.22
Max. Winding Temp.	Deg.C	155

**FEATURES**

- NEMA 23 Interface
- High torque to size ratio
- Peak torque 80 oz-in
- Low Noise
- Precision long life ball bearings
- Custom windings are available