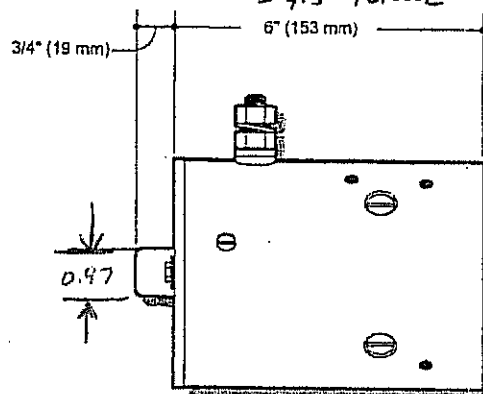
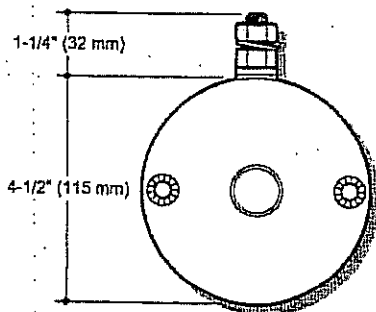


1.5 KW Power Rating

M3100

M3200 - CLOCKWISE

M3100 D.C. Motor Information



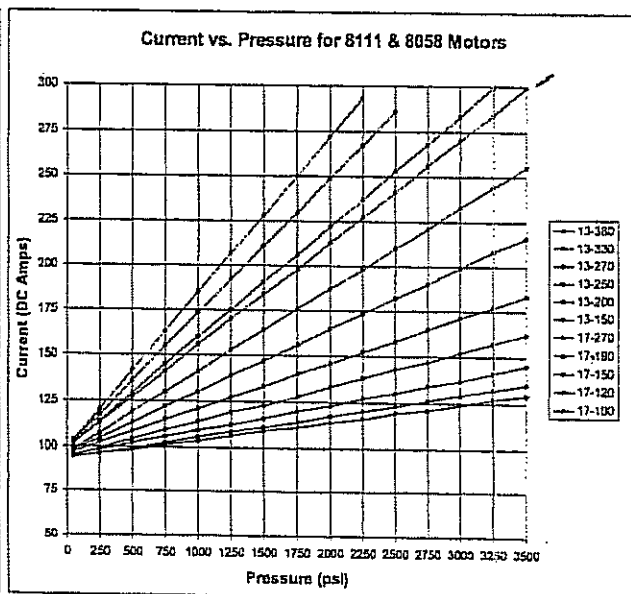
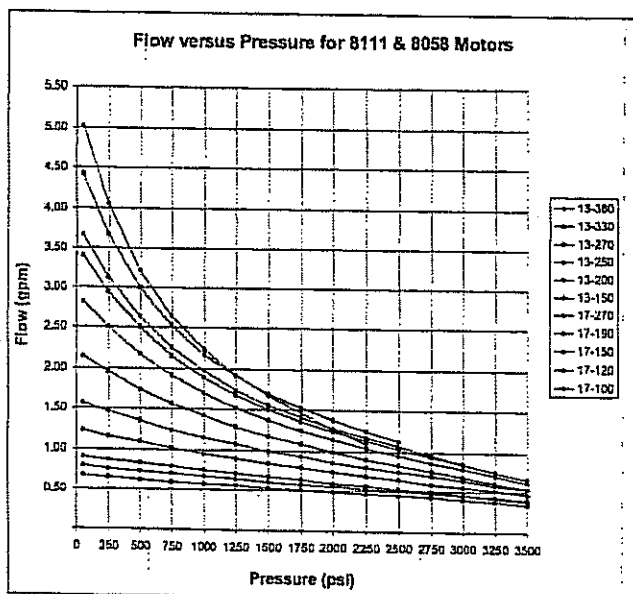
- COUNTERCLOCKWISE
- 200 AMP
- 2550 RPM 1.6 HP
- 4.5 TORQUE

12 Volt D.C. Performance Curves

Voltage = 12.3 - $\sqrt{\frac{\text{AMP} - 70}{43}}$

Test Fluid = Mobil D.T.E. 24
 @ 100°F (SUS 160)
 34°C (CST 34)

Performance Curves for M3100 Motor



PART NUMBER	VOLTAGE	INSULATION CLASS	NUMBER OF TERMINALS	UL LISTED	DESCRIPTION *SEE KEY

Key to Abbreviations:

PM = Permanent Magnet

ID = Intermittent Duty

SW = Series Wound

CW = Compound Wound

ED = Extended Duty

HD = Heavy Duty

A Thermal Protection Switch is available as an option on most motors and must be used with a solenoid motor start switch. Refer to the Thermal Chart on Page 86.0 for Motor Thermal Performance Data.