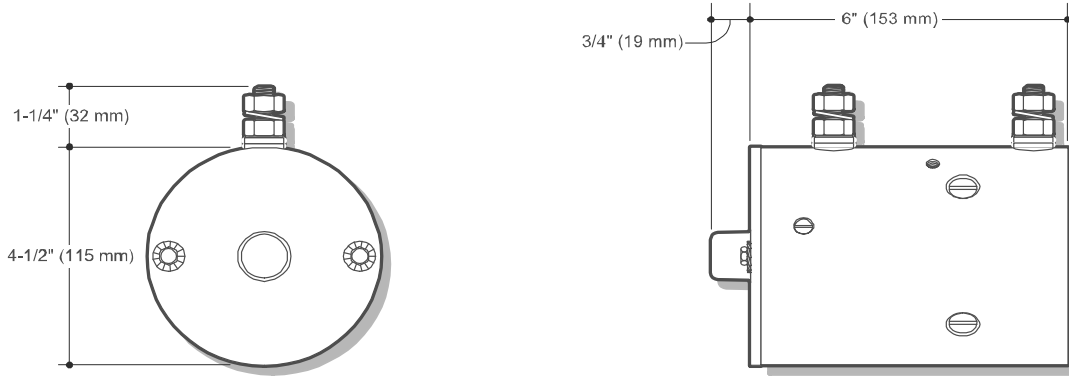


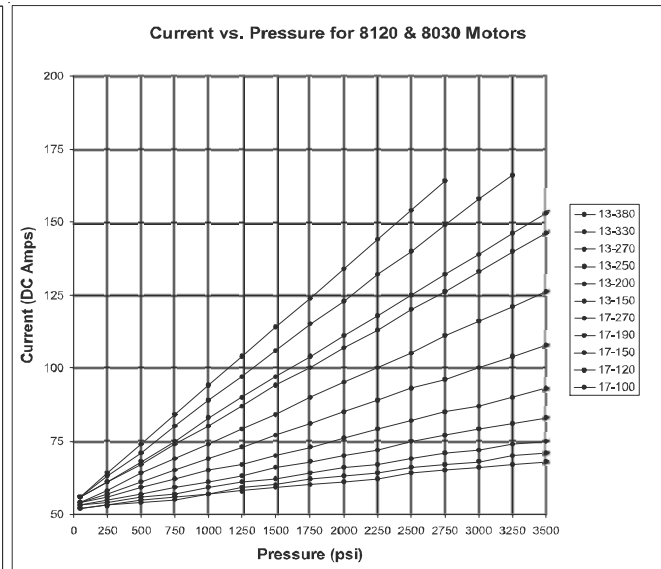
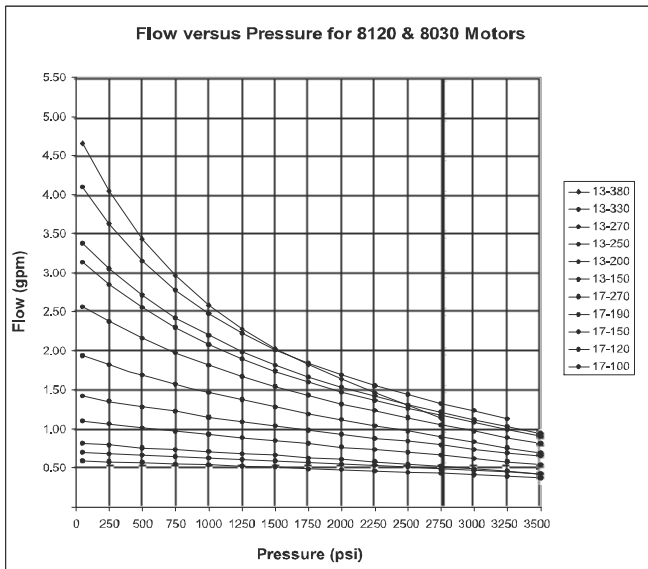
### 5.16 08120 D.C. Motor Information



#### 24 Volt D.C. Performance graphs

$$\text{Voltage} = 25.2 - \sqrt{\frac{\text{AMP} - 40}{10}}$$
 Test Fluid = Mobil D.T.E. 24  
 @ 100°F (SUS 160)  
 34°C (CST 34)

#### Performance graphs for 08120 Motor



Part Number	Voltage	Insulation Class	Number of Terminal	UL Listed	Description * see Key
08120	24	B	2	YES	SW/ID

\* Key to Abbreviations:

- PM = Permanent Magnet      SW = Series Wound      ED = Extended Duty      HD = Heavy Duty
- ID = Intermittent Duty      CW = Compound Wound

A Thermal Protection Switch is available as an option on most motors and must be used with solenoid motor start switch. For motor thermal performance data, refer to the thermal chart on page 62