

## 2-7/8" MEDIUM SPEED / HIGH TORQUE

| SPECIFICATIONS                    |               |               |
|-----------------------------------|---------------|---------------|
| Operating Flow Rate               | 60 - 168 GPM  | 227 - 636 LPM |
| Developed Power                   | 114.1 Hp      | 85.1 Kw       |
| Maximum Developed Torque          | 2,000 Ft-Lbs  | 2,712 N-m     |
| Rotor Eccentricity                | 0.109 in      | 2.77 mm       |
| Speed @ No Load                   | 174 - 487 RPM | 174 - 487 RPM |
| Revs Per Volume @ No Load         | 2.90 Rev/Gal  | 0.77 Rev/L    |
| Differential Pressure @ No Load   | 200 PSI       | 1.4 MPa       |
| Speed @ Full Load                 | 156 - 438 RPM | 156 - 438 RPM |
| Revs Per Volume @ Full Load       | 2.61 Rev/Gal  | 0.69 Rev/L    |
| Differential Pressure @ Full Load | 1,000 PSI     | 6.9 MPa       |

| ROTOR DIMENSIONS                         |          |          |
|--|----------|----------|
| Overall Rotor Length                     | 85.0 in  | 2,159 mm |
| Rotor Head Length                        | 5.00 in  | 127.0 mm |
| Rotor Head Diameter                      | 1.75 in  | 44.5 mm  |
| Rotor Peak to Valley (std.)              | 1.704 in | 43.28 mm |
| Rotor Weight                             | 57 Lbs   | 26.0 Kg  |
| STATOR DIMENSIONS                        |          |          |
| Overall Stator Length                    | 88.0 in  | 2,235 mm |
| Stator Outside Diameter                  | 2.87 in  | 73.0 mm  |
| Stator Inside Diameter                   | 2.38 in  | 60.3 mm  |
| Elastomer Cutback Length                 | 5.0 in   | 127 mm   |
| Stator Weight                            | 55 Lbs   | 25.0 Kg  |
| ROTOR / STATOR FIT +/- 0.005 in [.13 mm] |          |          |
| Standard Fit @ 72°F (22°C)               |          |          |
| 1X Oversize @ 72°F (22°C)                | 0.010 in | 0.25 mm  |
| 2X Oversize @ 72°F (22°C)                |          |          |
| 3X Oversize @ 72°F (22°C)                |          |          |

**Lobes 7:8**  
**Stages 4.0**

