

## 2-1/8" HIGH SPEED

| SPECIFICATIONS                    |               |               |
|-----------------------------------|---------------|---------------|
| Operating Flow Rate               | 30 - 42 GPM   | 114 - 159 LPM |
| Developed Power                   | 19.9 Hp       | 14.8 Kw       |
| Maximum Developed Torque          | 200 Ft-Lbs    | 271 N-m       |
| Rotor Eccentricity                | 0.084 in      | 2.13 mm       |
| Speed @ No Load                   | 607 - 850 RPM | 607 - 850 RPM |
| Revs Per Volume @ No Load         | 20.24 Rev/Gal | 5.35 Rev/L    |
| Differential Pressure @ No Load   | 150 PSI       | 1.0 MPa       |
| Speed @ Full Load                 | 545 - 764 RPM | 545 - 764 RPM |
| Revs Per Volume @ Full Load       | 18.19 Rev/Gal | 4.81 Rev/L    |
| Differential Pressure @ Full Load | 750 PSI       | 5.2 MPa       |

| ROTOR DIMENSIONS                         |          |          |
|--|----------|----------|
| Overall Rotor Length                     | 38.0 in  | 965 mm   |
| Rotor Head Length                        | 6.00 in  | 152.4 mm |
| Rotor Head Diameter                      | 1.25 in  | 31.8 mm  |
| Rotor Peak to Valley (std.)              | 1.196 in | 30.38 mm |
| Rotor Weight                             | 10 Lbs   | 4.7 Kg   |
| STATOR DIMENSIONS                        |          |          |
| Overall Stator Length                    | 38.0 in  | 965 mm   |
| Stator Outside Diameter                  | 2.12 in  | 53.8 mm  |
| Stator Inside Diameter                   | 1.75 in  | 44.5 mm  |
| Elastomer Cutback Length                 | 4.5 in   | 114 mm   |
| Stator Weight                            | 13 Lbs   | 5.9 Kg   |
| ROTOR / STATOR FIT +/- 0.005 in [.13 mm] |          |          |
| Standard Fit @ 72°F (22°C)               | 0.000 in | 0.00 mm  |
| 1X Oversize @ 72°F (22°C)                |          |          |
| 2X Oversize @ 72°F (22°C)                |          |          |
| 3X Oversize @ 72°F (22°C)                |          |          |

**Lobes 5:6**  
**Stages 3.0**

