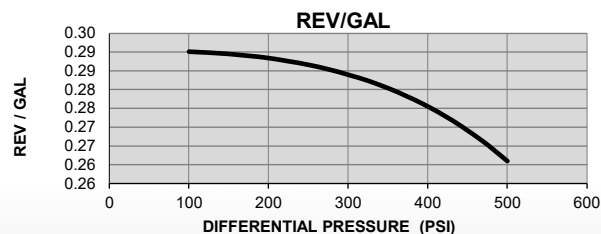


## 8-0" MEDIUM SPEED

| SPECIFICATIONS                    |                 |                   |
|-----------------------------------|-----------------|-------------------|
| Operating Flow Rate               | 400 - 1,000 GPM | 1,514 - 3,785 LPM |
| Developed Power                   | 322.9 Hp        | 240.8 Kw          |
| Maximum Developed Torque          | 9,500 Ft-Lbs    | 12,880 N-m        |
| Rotor Eccentricity                | 0.315 in        | 8.00 mm           |
| Speed @ No Load                   | 116 - 290 RPM   | 116 - 290 RPM     |
| Revs Per Volume @ No Load         | 0.29 Rev/Gal    | 0.08 Rev/L        |
| Differential Pressure @ No Load   | 100 PSI         | 0.7 MPa           |
| Speed @ Full Load                 | 104 - 261 RPM   | 104 - 261 RPM     |
| Revs Per Volume @ Full Load       | 0.26 Rev/Gal    | 0.07 Rev/L        |
| Differential Pressure @ Full Load | 500 PSI         | 3.4 MPa           |



| ROTOR DIMENSIONS                         |          |           |
|------------------------------------------|----------|-----------|
| Overall Rotor Length                     | 82.0 in  | 2,083 mm  |
| Rotor Head Length                        | 10.00 in | 254.0 mm  |
| Rotor Head Diameter                      | 5.13 in  | 130.2 mm  |
| Rotor Peak to Valley (std.)              | 4.456 in | 113.18 mm |
| Rotor Weight                             | 379 Lbs  | 171.8 Kg  |
| STATOR DIMENSIONS                        |          |           |
| Overall Stator Length                    | 84.0 in  | 2,134 mm  |
| Stator Outside Diameter                  | 8.00 in  | 203.2 mm  |
| Stator Inside Diameter                   | 6.00 in  | 152.4 mm  |
| Elastomer Cutback Length                 | 8.0 in   | 203 mm    |
| Stator Weight                            | 555 Lbs  | 251.5 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)                | 0.020 in | 0.51 mm   |
| 3X Oversize @ 72°F (22°C)                |          |           |

**Lobes 5:6**  
**Stages 2.0**

