3-1/2" SLOW SPEED / HIGH TORQUE / HIGH FLOW

**SPECIFICATIONS**
- Operating Flow Rate: 125 - 250 GPM (473 - 946 LPM)
- Developed Power: 82.0 Hp (61.2 Kw)
- Maximum Developed Torque: 2,500 Ft-Lbs (3,390 N-m)
- Rotor Eccentricity: 0.128 in (3.25 mm)
- Speed @ No Load: 140 - 280 RPM
- Revs Per Volume @ No Load: 1.12 Rev/Gal (0.30 Rev/L)
- Differential Pressure @ No Load: 150 PSI (1.0 MPa)
- Speed @ Full Load: 126 - 252 RPM
- Revs Per Volume @ Full Load: 1.01 Rev/Gal (0.27 Rev/L)
- Differential Pressure @ Full Load: 750 PSI (5.2 MPa)

**ROTOR DIMENSIONS**
- Overall Rotor Length: 106.0 in (2,692 mm)
- Rotor Head Length: 6.00 in (152.4 mm)
- Rotor Head Diameter: 2.25 in (57.2 mm)
- Rotor Peak to Valley (std.): 1.995 in (50.67 mm)
- Rotor Weight: 98 Lbs (44.5 Kg)
- Maximum Developed Torque: 2,500 Ft-Lbs (3,390 N-m)

**STATOR DIMENSIONS**
- Overall Stator Length: 114.0 in (2,896 mm)
- Stator Outside Diameter: 3.50 in (88.9 mm)
- Stator Inside Diameter: 2.75 in (69.9 mm)
- Elastomer Cutback Length: 4.0 / 6.0 in (102 / 152)
- Stator Weight: 126 Lbs (57.3 Kg)

**RECOMMENDED ROTOR / STATOR FIT**
- Standard Fit @ 72°F (22°C) +/- 0.005 in (.13 mm)
  - 1X Oversize @ 72°F (22°C): 0.010 in (0.25 mm)
  - 2X Oversize @ 72°F (22°C)
  - 3X Oversize @ 72°F (22°C)

**PERFORMANCE CURVE**
- Power Curve
- Torque Curve
- Differential Pressure vs. Speed
- Ambient Efficiency vs. Temperature

Performance data provided herein are based upon a customized fit in a controlled setting. Actual result may vary. Specifications subject to change without notice. Copyright © 2020 Drilex International