**800DX-910-20 / DHX**

**8-0" SLOW SPEED / HIGH TORQUE**

### SPECIFICATIONS
- **Operating Flow Rate:** 300 - 900 GPM, 1,136 - 3,407 LPM
- **Developed Power:** 235.2 Hp, 175.4 Kw
- **Maximum Developed Torque:** 14,000 Ft-Lbs, 18,981 N-m
- **Rotor Eccentricity:** 0.219 in, 5.56 mm
- **Speed @ No Load:** 48 - 144 RPM
- **Revs Per Volume @ No Load:** 0.16 Rev/Gal, 0.04 Rev/L
- **Differential Pressure @ No Load:** 100 PSI, 0.7 MPa
- **Speed @ Full Load:** 43 - 129 RPM
- **Revs Per Volume @ Full Load:** 0.14 Rev/Gal, 0.04 Rev/L
- **Differential Pressure @ Full Load:** 500 PSI, 3.4 MPa

### ROTOR DIMENSIONS
- **Overall Rotor Length:** 104.0 in, 2,642 mm
- **Rotor Head Length:** 8.00 in, 203.2 mm
- **Rotor Head Diameter:** 5.00 in, 127.0 mm
- **Rotor Peak to Valley (std.):** 4.800 in, 121.92 mm
- **Rotor Weight:** 549 Lbs, 249.0 Kg

### STATOR DIMENSIONS
- **Overall Stator Length:** 110.0 in, 2,794 mm
- **Stator Outside Diameter:** 8.00 in, 203.2 mm
- **Stator Inside Diameter:** 6.25 in, 158.8 mm
- **Elastomer Cutback Length:** 8.0 in, 203 mm
- **Stator Weight:** 643 Lbs, 291.5 Kg

### RECOMMENDED ROTOR / STATOR FIT
- **Standard Fit @ 72°F (22°C):** 0.000 in [0.13 mm]
- **1X Oversize @ 72°F (22°C):** 0.005 in [0.13 mm]
- **2X Oversize @ 72°F (22°C):**
- **3X Oversize @ 72°F (22°C):**

### PERFORMANCE CURVE

- **Power Curve**
  - 900 GPM
  - 600 GPM
  - 300 GPM
  - Full Load

- **Speed vs. Differential Pressure**
  - 900 GPM
  - 600 GPM
  - 300 GPM
  - Full Load

- **Torque vs. Differential Pressure**
  - 900 GPM
  - 600 GPM
  - 300 GPM
  - Full Load

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