



4-3/4" POWER SECTIONS 7/8 5.0 Stage

Speed Ratio: 0.166 rev/L

Max Differential Pressure: 8,618 kPa

STATOR SPECIFICATIONS

| | | |
|-----------------|-----------|-----------|
| Overall Length | 198 in | 5029 mm |
| Tube O.D. | 4.75 in | 121 mm |
| Tube I.D. | 3.88 in | 98.4 mm |
| Weight | 380 lb | 173 kg |
| Major Diameter | 3.374 in | 85.7 mm |
| Minor Diameter | 2.680 in | 68.1 mm |
| Fit @ 68°F/20°C | +0.023 in | +0.584 mm |

Fit=Rotor Mean Diameter- Stator Minor Diameter
+ indicates interference fit
- indicates loose fit

PERFORMANCE SPECIFICATIONS

| | |
|---------------------|------------------|
| Flow Range | 568-1136 L/min |
| Speed Range | 94-189 RPM |
| Torque Slope | 0.530 ft-lbs/kPa |
| Rotation | 0.166 rev/L |
| Off Bottom Pressure | 580 kPa |

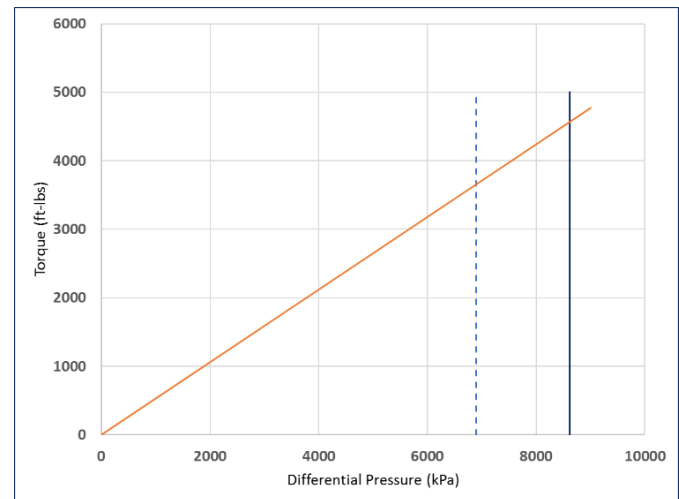
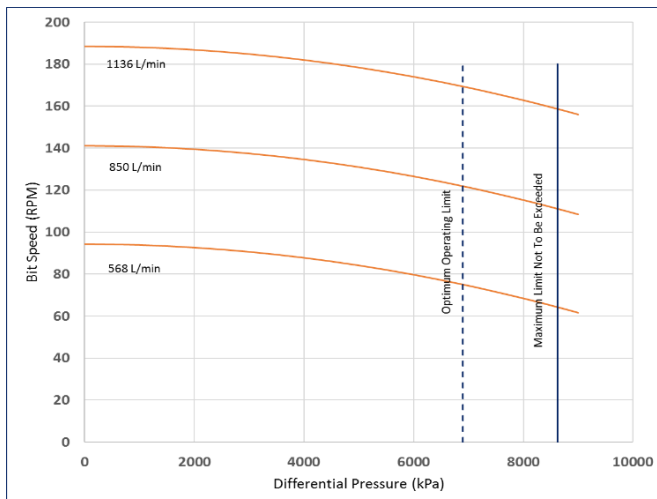
ROTOR SPECIFICATIONS

| | | |
|----------------|----------|---------|
| Overall Length | 186 in | 4724 mm |
| Contour Length | 180 in | 4572 mm |
| Major Diameter | 3.041 in | 77.2 mm |
| Mean Diameter | 2.703 in | 68.7 mm |
| Eccentricity | 0.169 in | 4.3 mm |
| Head Diameter | 2.75 in | 69.9 mm |
| Weight | 365 lb | 166 kg |

OPERATIONAL LIMITS

| | |
|--------------------------------------|--------------|
| Recommended Operating Diff Pressure | 6,894 kPa |
| Torque Output | 3,654 ft-lbs |
| Absolute Max Diff not to be exceeded | 8,618 kPa |
| Absolute Max Torque | 4,565 ft-lbs |
| Stall Torque | 6,848 ft-lbs |

Recommended Operating Diff is 80% of Max Diff posted by the power section manufacturer. This will allow for optimal drilling efficiency while protecting against premature stator wear due to microstalling and inconsistent drilling parameters.



Performance curves are for reference only. Actual power section performance may vary depending on operating conditions (e.g. chosen rotor/stator interference fit, possible rubber swelling by drilling fluid, rotor and stator wear, actual downhole temperature, actual stator temperature, physical and chemical properties of the drilling fluid and other factors encountered downhole). The torque may exceed that specified for the connected components. Operating above the recommended limits may result in damage to the power section and connected components which will be the liability of the operator. Data subject to change without notice