

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

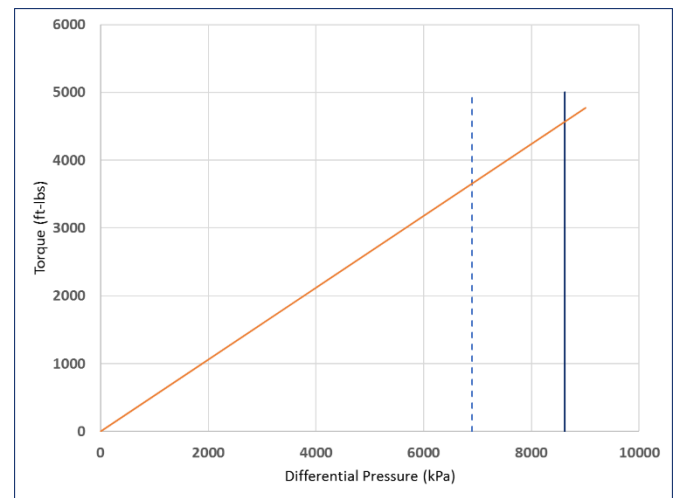
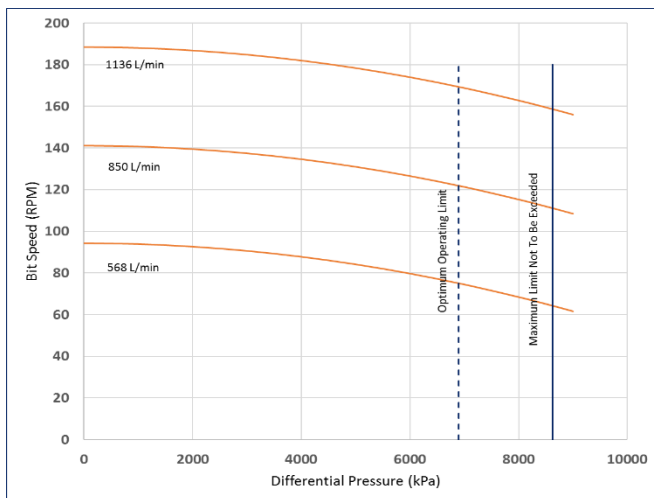
ROTOR SPECIFICATIONS

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