



## 5" POWER SECTIONS 6/7 8.0 Stage

**Speed Ratio: 0.211 rev/L**

**Max Differential Pressure: 13,790 kPa**

### STATOR SPECIFICATIONS

Overall Length	250.0 in	6350 mm
Tube O.D.	5.00 in	127 mm
Tube I.D.	4.00 in	102 mm
Weight	572 lb	260 kg
Major Diameter	3.403 in	86.4 mm
Minor Diameter	2.639 in	67.0 mm
Fit @ 68°F/20°C	-0.004 in	-0.102 mm

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

### PERFORMANCE SPECIFICATIONS

Flow Range	568-1363 L/min
Speed Range	120-295 RPM
Torque Slope	0.450 ft-lbs/kPa
Rotation	0.211 rev/L
Off Bottom Pressure	640 kPa

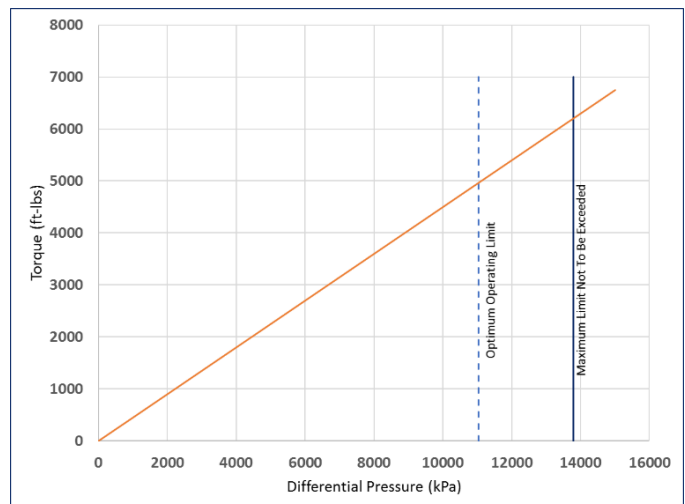
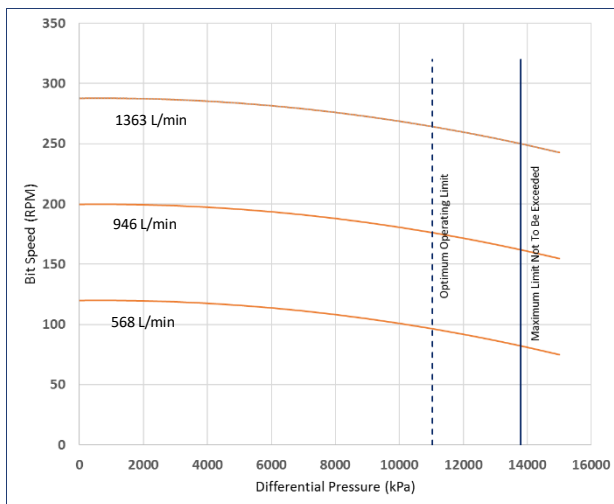
### ROTOR SPECIFICATIONS

Overall Length	241.0 in	6121 mm
Contour Length	235.0 in	5969 mm
Major Diameter	3.018 in	76.7 mm
Mean Diameter	2.635 in	66.9 mm
Eccentricity	0.192 in	4.9 mm
Head Diameter	2.90 in	73.7 mm
Weight	366 lb	166 kg

### OPERATIONAL LIMITS

Recommended Operating Diff Pressure	11,032 kPa
Torque Output	4,965 ft-lbs
Absolute Max Diff not to be exceeded	13,790 kPa
Absolute Max Torque	6,200 ft-lbs
Stall Torque	12,400 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