

## 5" POWER SECTIONS 7/8 3.7 Stage

**Speed Ratio: 0.092 rev/L**

**Max Differential Pressure: 6,378 kPa**

### STATOR SPECIFICATIONS

Overall Length	235.0 in	5969 mm
Tube O.D.	5.00 in	127 mm
Tube I.D.	3.88 in	98.4 mm
Weight	557 lb	253 kg
Major Diameter	3.475 in	88.3 mm
Minor Diameter	2.766 in	70.3 mm
Fit @ 68°F/20°C	+0.001 in	+0.025 mm

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

### PERFORMANCE SPECIFICATIONS

Flow Range	568-1325 L/min
Speed Range	53-123 RPM
Torque Slope	1.081 ft-lbs/kPa
Rotation	0.092 rev/L
Off Bottom Pressure	560 kPa

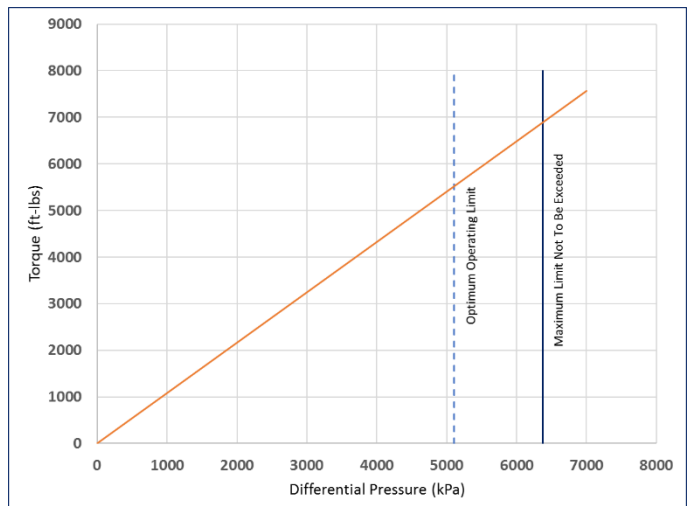
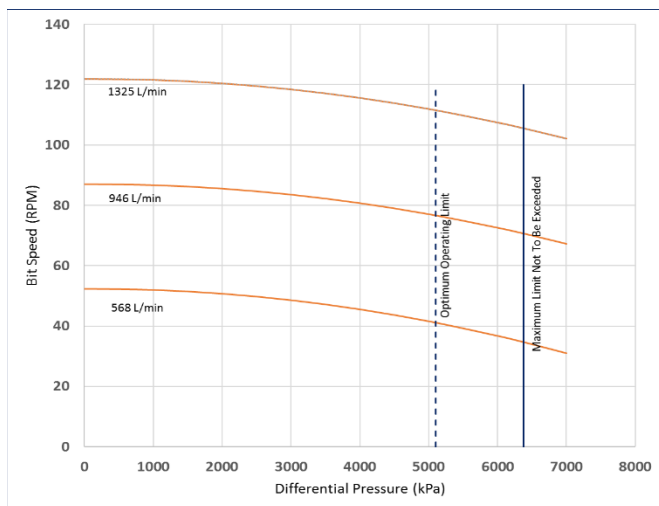
### ROTOR SPECIFICATIONS

Overall Length	214.8 in	5455 mm
Contour Length	208.8 in	5302 mm
Major Diameter	3.120 in	79.2 mm
Mean Diameter	2.767 in	70.3 mm
Eccentricity	0.177 in	4.5 mm
Head Diameter	3.38 in	85.9 mm
Weight	341 lb	155 kg

### OPERATIONAL LIMITS

Recommended Operating Diff Pressure	5,102 kPa
Torque Output	5,516 ft-lbs
Absolute Max Diff not to be exceeded	6,378 kPa
Absolute Max Torque	6,894 ft-lbs
Stall Torque	13,788 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*