D&R DIRECTIONAL
300 5th Ave SW
Calgary, Alberta
403.920.0208

6-½" POWER SECTIONS

6/7 2.7 Stage ERT

Speed Ratio: 0.058 rev/L **Max Differential Pressure: 7,240 kPa**

STATOR SPECIFICATIONS

Overall Length	230 in	5842 mm
Tube O.D.	6.5 in	165.1 mm
Tube I.D.	5.0 in	127.0 mm
Weight	1075 lb	488 kg
Major Diameter	4.25 in	108 mm
Minor Diameter	3.25 in	82.6 mm
Fit @ 68°F/20°C	+0.015 in	+0.381 mm

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

ROTOR SPECIFICATIONS

Overall Length	205.5 in	5220 mm
Contour Length	197.5 in	5220 mm
Major Diameter	3.765 in	95.6 mm
Mean Diameter	3.265 in	82.9 mm
Eccentricity	0.250 in	6.35 mm
Head Diameter	4.75 in	120.7 mm
Weight	490 lb	222 kg

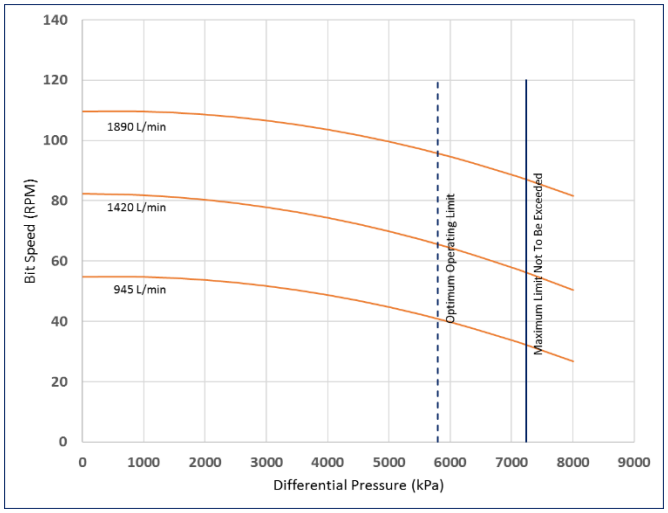
PERFORMANCE SPECIFICATIONS

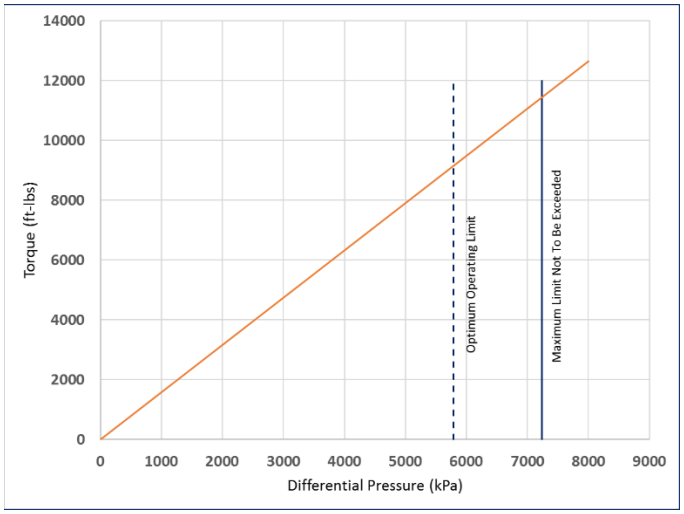
Flow Range	950-1890 L/min
Speed Range	55-110 RPM
Torque Slope	1.581 ft-lbs/kPa
Rotation	0.058 rev/L
Off Bottom Pressure	1,035 kPa

OPERATIONAL LIMITS

Recommended Operating Diff Pressure	5,792 kPa
Torque Output	9,157 ft-lbs
Absolute Max Diff not to be exceeded	7,240 kPa
Absolute Max Torque	11,450 ft-lbs
Stall Torque	14,400 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