

## Power Sections

22 East Lake Crescent N.E., Airdrie, Alberta, Canada, T4A 2H3  
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Stator Specifications	
	Inches
Overall Length	250.0
Tube O.D.	5.00
Tube I.D.	4.00
Rubber Cut Back Top	8.0
Rubber Cut Back Bottom	8.0
Weight (lb)	555
Tube Material	4140-4145
To be threaded and ID Banded by customer	

Rotor Specifications	
	Inches
Overall Length	241.0
Contour Length	235
Major Diameter	3.120
Eccentricity	0.235
Head Diameter	2.900
Gunbored Weight (lb)	330
Solid Weight (lb)	383
Material	17-4PH
Coating option 1	Chrome
Coating option 2	Carbide
To be threaded by customer	

Performance Specifications		
	Optimal Limit	Max Limit*
Flow Range (GPM)	150 - 375	
Speed Range (RPM)	95 - 235	
Torque Slope (ft-lbs/psi)	4.020	
Rotation (rev/Gal)	0.630	
Off Bottom Pressure (psi)	100	
Stall Torque (ft-lbs)	8,800	
Motor Pressure (psi)	1,458	1,652
Torque (ft-lbs)	5,900	6,600
Flow (GPM)	375	375
Power (hp)	224	234

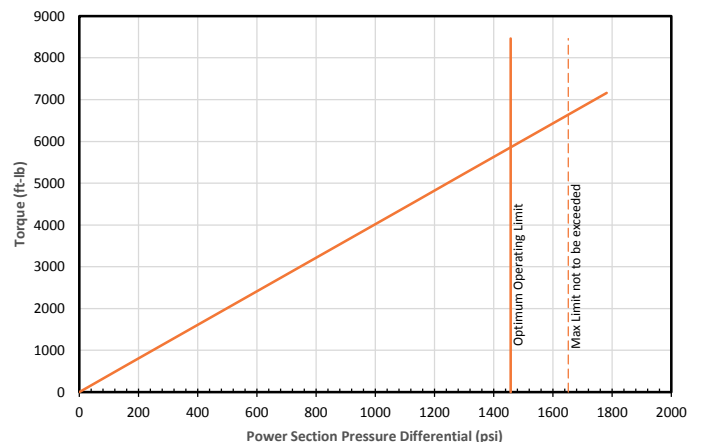
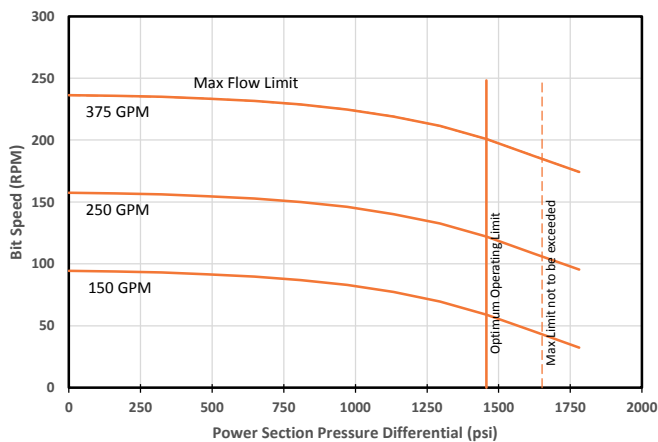
\*Expect reduced life when operating at this limit for extended duration

Minor Diameter Fit Details (at 68°F)					
Size Band	Nominal Fit (in.)**	Minor Dia (in.)*	Nominal Fit (in.)**	Minor Dia (in.)*	Best Oper. Temp***
1.0T	-	-	-	-	-
0.5T	-0.005	2.655	0.007	2.643	115 - 170 °F
STD	-0.015	2.665	-0.003	2.653	150 - 205 °F
0.5L	-0.025	2.675	-0.013	2.663	180 - 235 °F
1.0L	-0.035	2.685	-0.023	2.673	215 - 270 °F
1.5L	-0.045	2.695	-0.033	2.683	245 - 300 °F
2.0L	-	-	-	-	-
Minor Shrinkage (in./°F)					0.00030

\*Approximate Vector/laser gauge conversion: 0.012 ± 0.005

\*\*Negative fits indicate clearance fit at room temperature using nominal new rotor

\*\*\*Best operating temperatures are based on new stators subject to normal thermal expansion conditions. Operators may wish to consider swell and run life when selecting sizes.



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.