

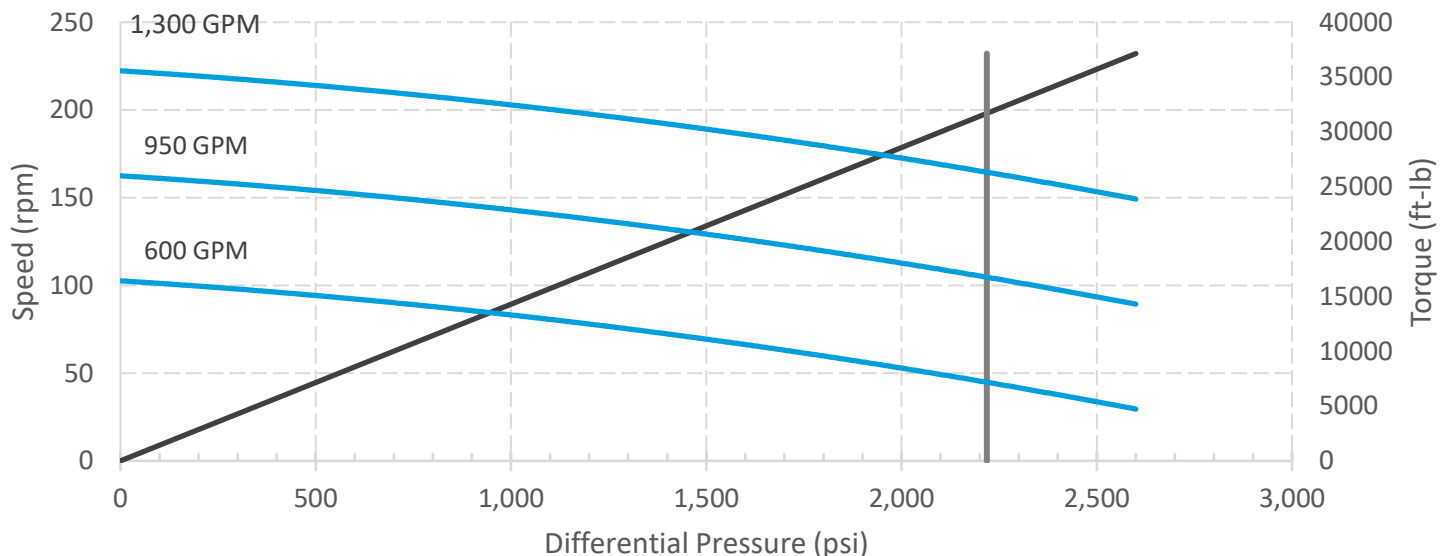


Rotor Specification	
Overall Length	283.25 in.
Contour Length	275.25 in.
Head Length	8.00 in.
Head Diameter	6.10 in.
Major Diameter	6.260 in.
Eccentric	0.350 in.
Material	17-4 PH
Weight	2,008 lbs.
Thread Form	Contact Factory

Stator Specification	
Overall Length	297.75 in.
Contour Length	273.25 in.
Tube O.D.	8.75 in.
Tube I.D.	7.28 in.
Cutback (Band / Non-Band)	12.25 / 12.25 in.
Stages	9.4
Material	4140 HT
Weight	1,684 lbs.
Thread Form	Contact Factory

Downhole Performance Specifications			
Torque Slope	14.29 ft-lbs/psi	Max Diff. Pressure	2,220 psi
Flow Range	600 - 1,300 gpm	Max Torque	31,690 ft-lbs
Speed Range	103 - 222 rpm	Speed (Max Diff. & Flow)	165 rpm
Rotation	0.171 rev/gal	Max HP	995 hp
Off-Bottom Pressure	165 psi	Stall Diff. Pressure	3,480 psi
		Stall Torque	49,710 ft-lbs

Elastomer Performance						
	007			VPX		
	Temperature Slope 0.000301 in/°F			Temperature Slope 0.000368 in/°F		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
1.0 Undersize						
Standard	5.549	0.010	100 - 220 °F	5.572	-0.013	160 - 255 °F
0.5 Oversize						
1.0 Oversize						
1.5 Oversize						
2.0 Oversize						



Power section performance curves are for reference only. Actual performance will vary with different downhole conditions and rotor/stator fits. If operated above the optimal differential pressure, stator life will be reduced. Optimal load power calculation is based on maximum RPM and optimal load torque. Information contained in this document is subject to change without notice.

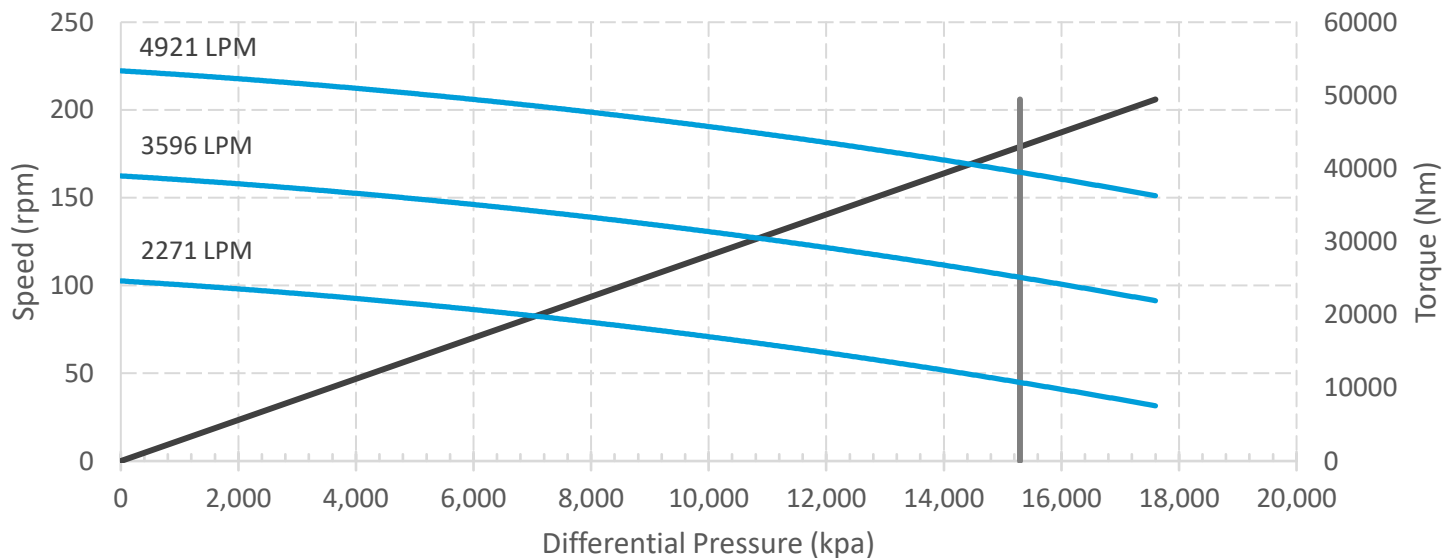


Rotor Specification	
Overall Length	7194.6 mm
Contour Length	6991.4 mm
Head Length	203.2 mm
Head Diameter	154.94 mm
Major Diameter	159.00 mm
Eccentric	8.90 mm
Material	17-4 PH
Weight	911 kgs
Thread Form	Contact Factory

Stator Specification	
Overall Length	7562.9 mm
Contour Length	6940.6 mm
Tube O.D.	222.3 mm
Tube I.D.	184.9 mm
Cutback (Band / Non-Band)	311.2 / 311.2 mm
Stages	9.4
Material	4140 HT
Weight	764 kgs
Thread Form	Contact Factory

Downhole Performance Specifications			
Torque Slope	2.81 Nm/kPa	Max Diff. Pressure	15306 kPa
Flow Range	2271 - 4921 lpm	Max Torque	42966 Nm
Speed Range	103 - 222 rpm	Speed (Max Diff. & Flow)	165 rpm
Rotation	0.0452 rev/liter	Max HP	742 kW
Off-Bottom Pressure	1,138 kPa	Stall Diff. Pressure	23994 kPa
		Stall Torque	67398 Nm

Elastomer Performance						
	007			VPX		
	Temperature Slope 0.013762 mm/°C			Temperature Slope 0.016825 mm/°C		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
1.0 Undersize						
Standard	140.94	0.25	38 - 104 °C	141.53	-0.33	71 - 124 °C
0.5 Oversize						
1.0 Oversize						
1.5 Oversize						
2.0 Oversize						



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