



Rotor Specification

Overall Length	233.00 in.
Contour Length	226.00 in.
Head Length	7.00 in.
Head Diameter	4.50 in.
Major Diameter	4.371 in.
Eccentric	0.335 in.
Material	17-4 PH
Weight	716 lbs.
Thread Form	Contact Factory

Stator Specification

Overall Length	246.00 in.
Contour Length	224.00 in.
Tube O.D.	7.00 in.
Tube I.D.	5.50 in.
Cutback (Band / Non-Band)	11.00 / 11.00 in.
Stages	8.2
Material	4140 HT
Weight	1,112 lbs.
Thread Form	Contact Factory

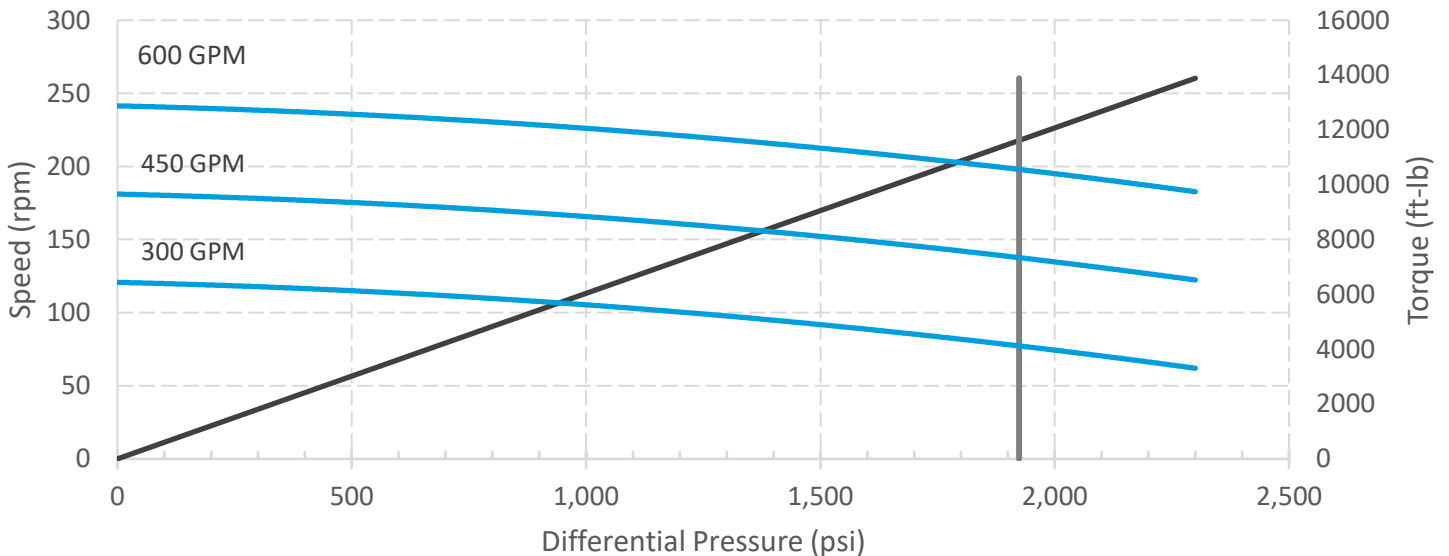
Downhole Performance Specifications

Torque Slope	6.04 ft-lbs/psi	Max Diff. Pressure	1,920 psi	1,920 psi
Flow Range	300 - 600 gpm	Max Torque	11,610 ft-lbs	9,360 ft-lbs
Speed Range	121 - 241 rpm	Speed (Max Diff. & Flow)	198 rpm	170 rpm
Rotation	0.402 rev/gal	Max HP	440 hp	305 hp
Off-Bottom Pressure	150 psi	Stall Diff. Pressure	3,010 psi	
		Stall Torque	18,170 ft-lbs	

Dyno Performance

Elastomer Performance

	007			VPX		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
1.0 Undersize Standard						
0.5 Oversize						
1.0 Oversize	3.708	-0.007	160 - 280 °F	3.728	-0.027	205 - 300 °F
1.5 Oversize						
2.0 Oversize	3.732	-0.031	245 - 320 °F	3.753	-0.052	275 - 370 °F



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	5918.2 mm
Contour Length	5740.4 mm
Head Length	177.8 mm
Head Diameter	114.30 mm
Major Diameter	111.02 mm
Eccentric	8.51 mm
Material	17-4 PH
Weight	325 kgs
Thread Form	Contact Factory

Stator Specification

Overall Length	6248.4 mm
Contour Length	5689.6 mm
Tube O.D.	177.8 mm
Tube I.D.	139.7 mm
Cutback (Band / Non-Band)	279.4 / 279.4 mm
Stages	8.2
Material	4140 HT
Weight	504 kgs
Thread Form	Contact Factory

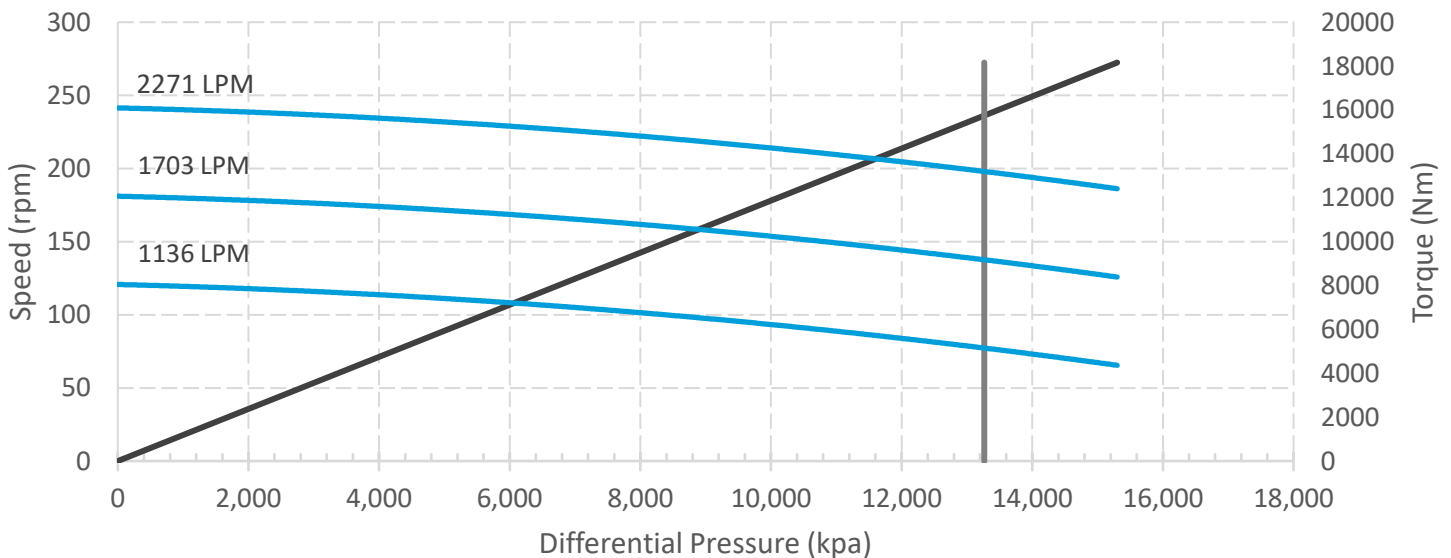
Downhole Performance Specifications

Torque Slope	1.19 Nm/kPa	Max Diff. Pressure	13238 kPa	13238 kPa
Flow Range	1136 - 2271 lpm	Max Torque	15741 Nm	12690 Nm
Speed Range	121 - 241 rpm	Speed (Max Diff. & Flow)	198 rpm	170 rpm
Rotation	0.1062 rev/liter	Max HP	328 kW	227 kW
Off-Bottom Pressure	1,034 kPa	Stall Diff. Pressure	20753 kPa	
		Stall Torque	24635 Nm	

Dyno Performance

Elastomer Performance

	007			VPX		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
1.0 Undersize						
Standard						
0.5 Oversize						
1.0 Oversize	94.18	-0.18	71 - 138 °C	94.69	-0.69	96 - 149 °C
1.5 Oversize						
2.0 Oversize	94.79	-0.79	118 - 160 °C	95.33	-1.32	135 - 188 °C



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