



Rotor Specification

Overall Length	265.00 in.
Contour Length	258.00 in.
Head Length	7.00 in.
Head Diameter	3.40 in.
Major Diameter	3.298 in.
Eccentric	0.217 in.
Material	17-4 PH
Weight	491 lbs.
Thread Form	Contact Factory

Stator Specification

Overall Length	275.00 in.
Contour Length	259.00 in.
Tube O.D.	5.25 in.
Tube I.D.	4.38 in.
Cutback (Band / Non-Band)	8.00 / 8.00 in.
Stages	8.8
Material	4140 HT
Weight	585 lbs.
Thread Form	Contact Factory

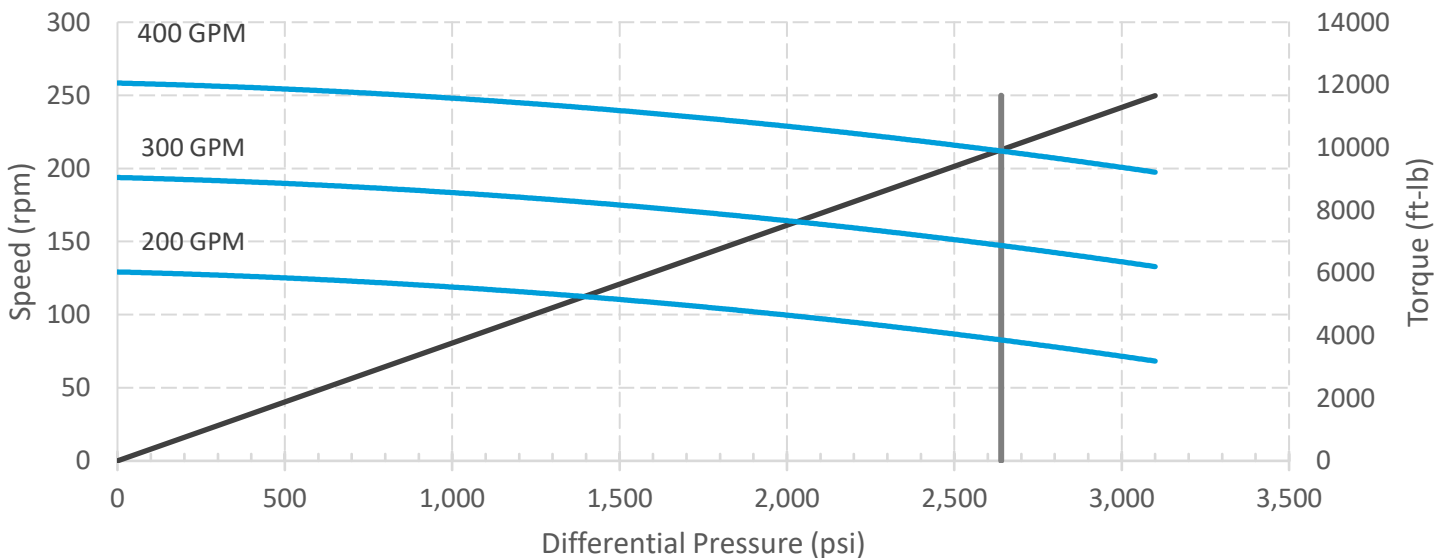
Downhole Performance Specifications

Torque Slope	3.76 ft-lbs/psi	Max Diff. Pressure	2,640 psi	2,640 psi
Flow Range	200 - 400 gpm	Max Torque	9,930 ft-lbs	8,010 ft-lbs
Speed Range	129 - 258 rpm	Speed (Max Diff. & Flow)	212 rpm	182 rpm
Rotation	0.646 rev/gal	Max HP	400 hp	275 hp
Off-Bottom Pressure	125 psi	Stall Diff. Pressure	4,140 psi	
		Stall Torque	15,570 ft-lbs	

Dyno Performance

Elastomer Performance

	007			VPX		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
	Temperature Slope 0.000130 in/°F			Temperature Slope 0.000159 in/°F		
1.0 Undersize						
Standard	2.860	0.004	115 - 240 °F	2.870	-0.006	170 - 270 °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	6731.0 mm
Contour Length	6553.2 mm
Head Length	177.8 mm
Head Diameter	86.36 mm
Major Diameter	83.77 mm
Eccentric	5.51 mm
Material	17-4 PH
Weight	223 kgs
Thread Form	Contact Factory

Stator Specification

Overall Length	6985.0 mm
Contour Length	6578.6 mm
Tube O.D.	133.4 mm
Tube I.D.	111.3 mm
Cutback (Band / Non-Band)	203.2 / 203.2 mm
Stages	8.8
Material	4140 HT
Weight	265 kgs
Thread Form	Contact Factory

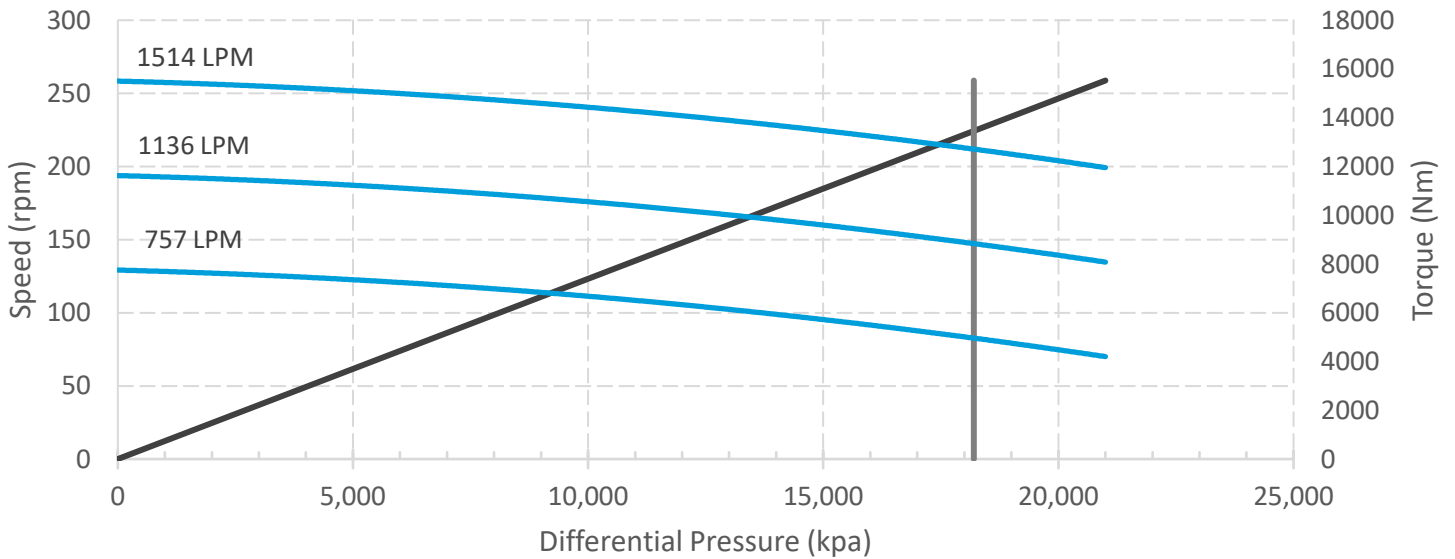
Downhole Performance Specifications

Torque Slope	0.74 Nm/kPa	Max Diff. Pressure	18202 kPa	18202 kPa
Flow Range	757 - 1514 lpm	Max Torque	13463 Nm	10860 Nm
Speed Range	129 - 258 rpm	Speed (Max Diff. & Flow)	212 rpm	182 rpm
Rotation	0.1707 rev/liter	Max HP	298 kW	205 kW
Off-Bottom Pressure	862 kPa	Stall Diff. Pressure	28544 kPa	
		Stall Torque	21110 Nm	

Dyno Performance

Elastomer Performance

	007			VPX		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
1.0 Undersize						
Standard	72.64	0.10	46 - 116 °C	72.90	-0.15	77 - 132 °C
0.5 Oversize						
1.0 Oversize						
1.5 Oversize						
2.0 Oversize						



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