



Rotor Specification

Overall Length	252.00 in.
Contour Length	244.00 in.
Head Length	8.00 in.
Head Diameter	4.70 in.
Major Diameter	4.663 in.
Eccentric	0.294 in.
Material	17-4 PH
Weight	967 lbs.
Thread Form	Contact Factory

Stator Specification

Overall Length	260.00 in.
Contour Length	240.00 in.
Tube O.D.	7.00 in.
Tube I.D.	5.75 in.
Cutback (Band / Non-Band)	10.00 / 10.00 in.
Stages	8.3
Material	4140 HT
Weight	1,010 lbs.
Thread Form	Contact Factory

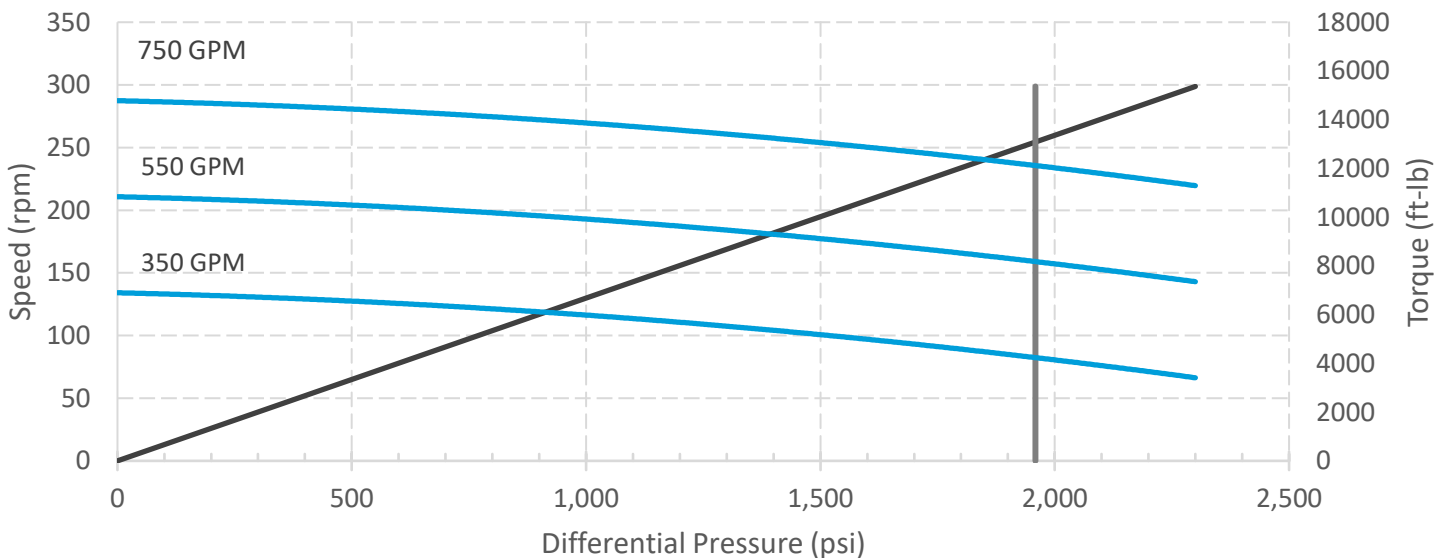
Downhole Performance Specifications

Torque Slope	6.68 ft-lbs/psi	Max Diff. Pressure	1,960 psi	1,960 psi
Flow Range	350 - 750 gpm	Max Torque	13,080 ft-lbs	10,550 ft-lbs
Speed Range	134 - 287 rpm	Speed (Max Diff. & Flow)	236 rpm	202 rpm
Rotation	0.383 rev/gal	Max HP	585 hp	405 hp
Off-Bottom Pressure	180 psi	Stall Diff. Pressure	3,080 psi	
		Stall Torque	20,570 ft-lbs	

Dyno Performance

Elastomer Performance

	007			VPX		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
	Temperature Slope 0.000286 in/°F			Temperature Slope 0.000349 in/°F		
1.0 Undersize						
Standard	4.077	-0.002	140 - 260 °F	4.098	-0.023	190 - 285 °F
0.5 Oversize						
1.0 Oversize	4.102	-0.027	230 - 320 °F	4.123	-0.048	260 - 355 °F
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	6400.8 mm
Contour Length	6197.6 mm
Head Length	203.2 mm
Head Diameter	119.38 mm
Major Diameter	118.44 mm
Eccentric	7.47 mm
Material	17-4 PH
Weight	439 kgs
Thread Form	Contact Factory

Stator Specification

Overall Length	6604.0 mm
Contour Length	6096.0 mm
Tube O.D.	177.8 mm
Tube I.D.	146.1 mm
Cutback (Band / Non-Band)	254.0 / 254.0 mm
Stages	8.3
Material	4140 HT
Weight	458 kgs
Thread Form	Contact Factory

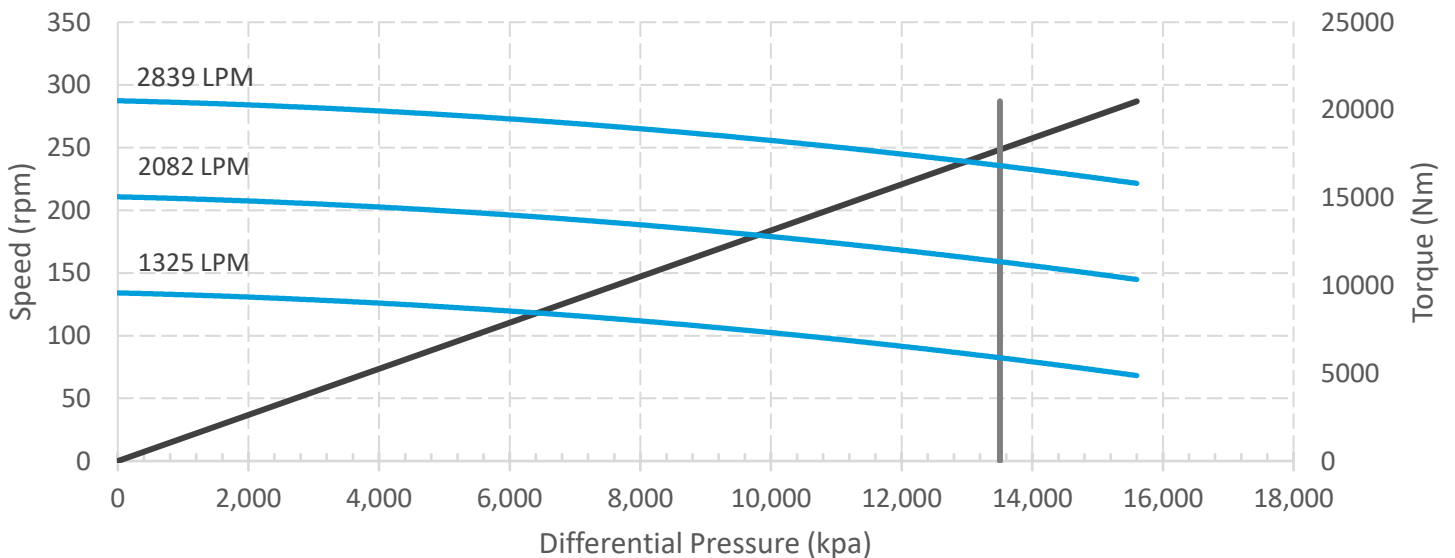
Downhole Performance Specifications

Torque Slope	1.31 Nm/kPa	Max Diff. Pressure	13514 kPa	13514 kPa
Flow Range	1325 - 2839 lpm	Max Torque	17734 Nm	14304 Nm
Speed Range	134 - 287 rpm	Speed (Max Diff. & Flow)	236 rpm	202 rpm
Rotation	0.1012 rev/liter	Max HP	436 kW	302 kW
Off-Bottom Pressure	1,241 kPa	Stall Diff. Pressure	21236 kPa	
		Stall Torque	27889 Nm	

Dyno Performance

Elastomer Performance

	007			VPX		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
	Temperature Slope 0.013076 mm/°C			Temperature Slope 0.015956 mm/°C		
1.0 Undersize						
Standard	103.56	-0.05	60 - 127 °C	104.09	-0.58	88 - 141 °C
0.5 Oversize						
1.0 Oversize	104.19	-0.69	110 - 160 °C	104.72	-1.22	127 - 179 °C
1.5 Oversize						
2.0 Oversize						



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