



Rotor Specification

Overall Length	86.00 in.
Contour Length	82.00 in.
Head Length	4.00 in.
Head Diameter	2.18 in.
Major Diameter	2.174 in.
Eccentric	0.156 in.
Material	17-4 PH
Weight	68 lbs.
Thread Form	Contact Factory

Stator Specification

Overall Length	88.00 in.
Contour Length	80.00 in.
Tube O.D.	3.12 in.
Tube I.D.	2.62 in.
Cutback (Band / Non-Band)	4.00 / 4.00 in.
Stages	3.5
Material	4140 HT
Weight	62 lbs.
Thread Form	Contact Factory

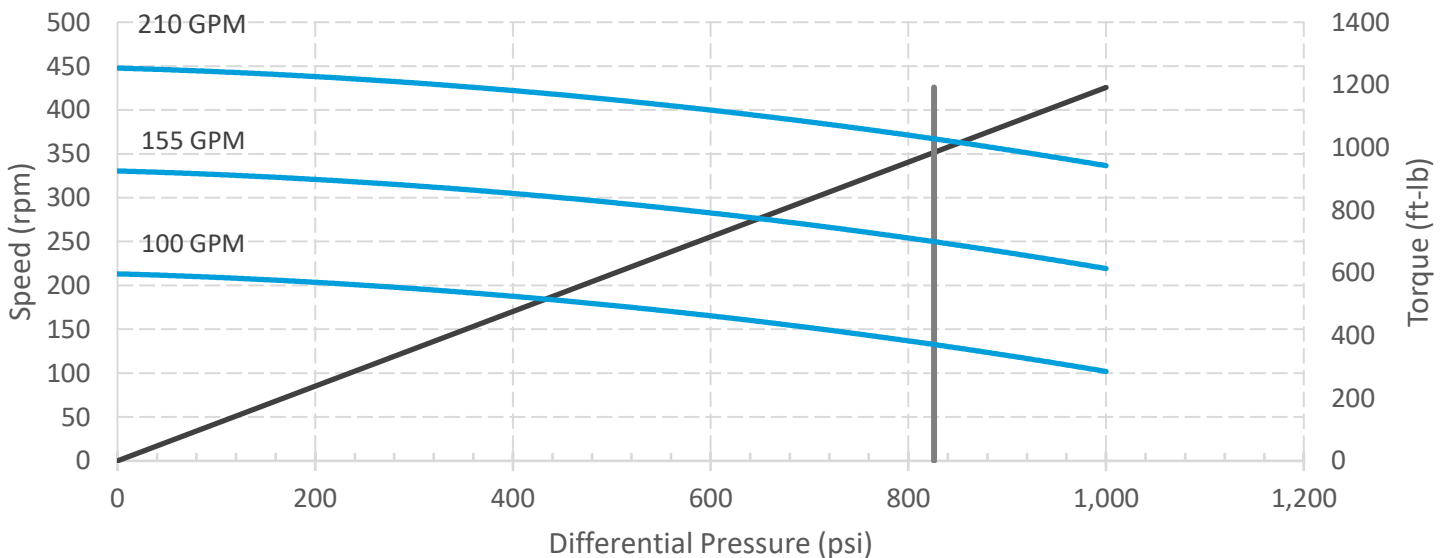
Downhole Performance Specifications

Torque Slope	1.19 ft-lbs/psi	Max Diff. Pressure	830 psi	830 psi
Flow Range	100 - 210 gpm	Max Torque	980 ft-lbs	790 ft-lbs
Speed Range	213 - 448 rpm	Speed (Max Diff. & Flow)	367 rpm	315 rpm
Rotation	2.132 rev/gal	Max HP	70 hp	45 hp
Off-Bottom Pressure	90 psi	Stall Diff. Pressure	1,300 psi	
		Stall Torque	1,550 ft-lbs	

Dyno Performance

Elastomer Performance

	007		VPX	
	Minor	Nominal Fit	Minor	Nominal Fit
1.0 Undersize				
Standard				
0.5 Oversize				
1.0 Oversize	1.879	-0.017	1.889	-0.027
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	2184.4 mm
Contour Length	2082.8 mm
Head Length	101.6 mm
Head Diameter	55.37 mm
Major Diameter	55.22 mm
Eccentric	3.96 mm
Material	17-4 PH
Weight	31 kgs
Thread Form	Contact Factory

Stator Specification

Overall Length	2235.2 mm
Contour Length	2032.0 mm
Tube O.D.	79.2 mm
Tube I.D.	66.5 mm
Cutback (Band / Non-Band)	101.6 / 101.6 mm
Stages	3.5
Material	4140 HT
Weight	28 kgs
Thread Form	Contact Factory

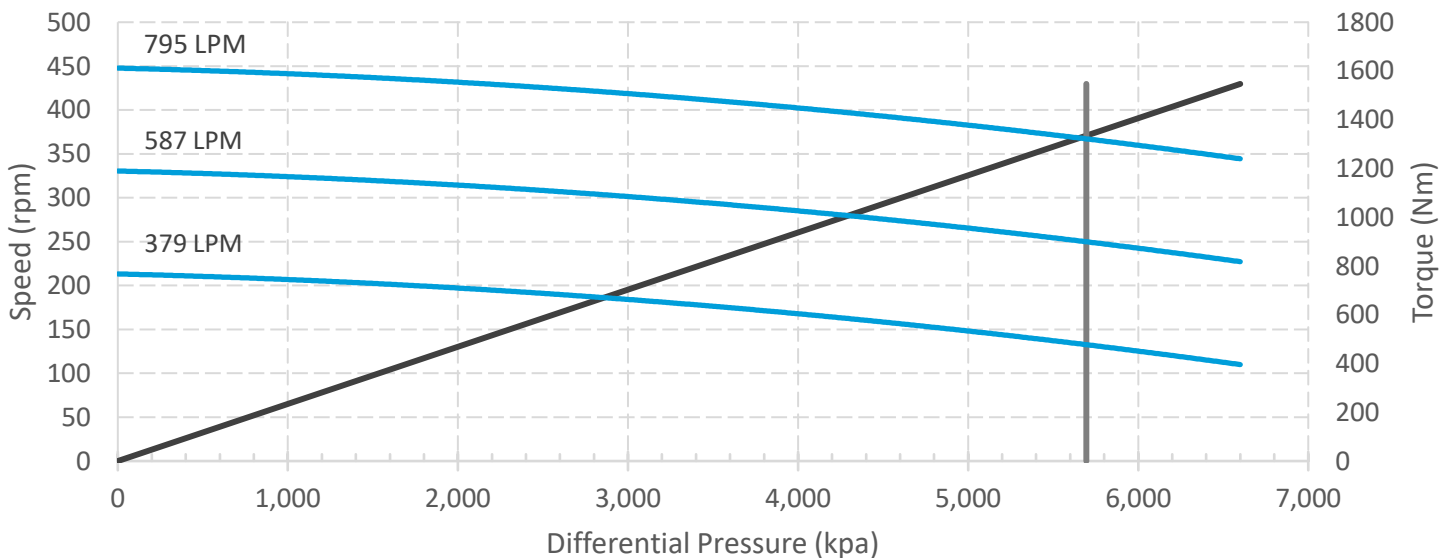
Downhole Performance Specifications

Torque Slope	0.23 Nm/kPa	Max Diff. Pressure	5723 kPa	5723 kPa
Flow Range	379 - 795 lpm	Max Torque	1329 Nm	1071 Nm
Speed Range	213 - 448 rpm	Speed (Max Diff. & Flow)	367 rpm	315 rpm
Rotation	0.5632 rev/liter	Max HP	52 kW	34 kW
Off-Bottom Pressure	621 kPa	Stall Diff. Pressure	8963 kPa	
		Stall Torque	2102 Nm	

Dyno Performance

Elastomer Performance

	007		VPX	
	Minor	Nominal Fit	Minor	Nominal Fit
1.0 Undersize				
Standard				
0.5 Oversize				
1.0 Oversize	47.73	-0.43	47.98	-0.69
1.5 Oversize				
2.0 Oversize				



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