

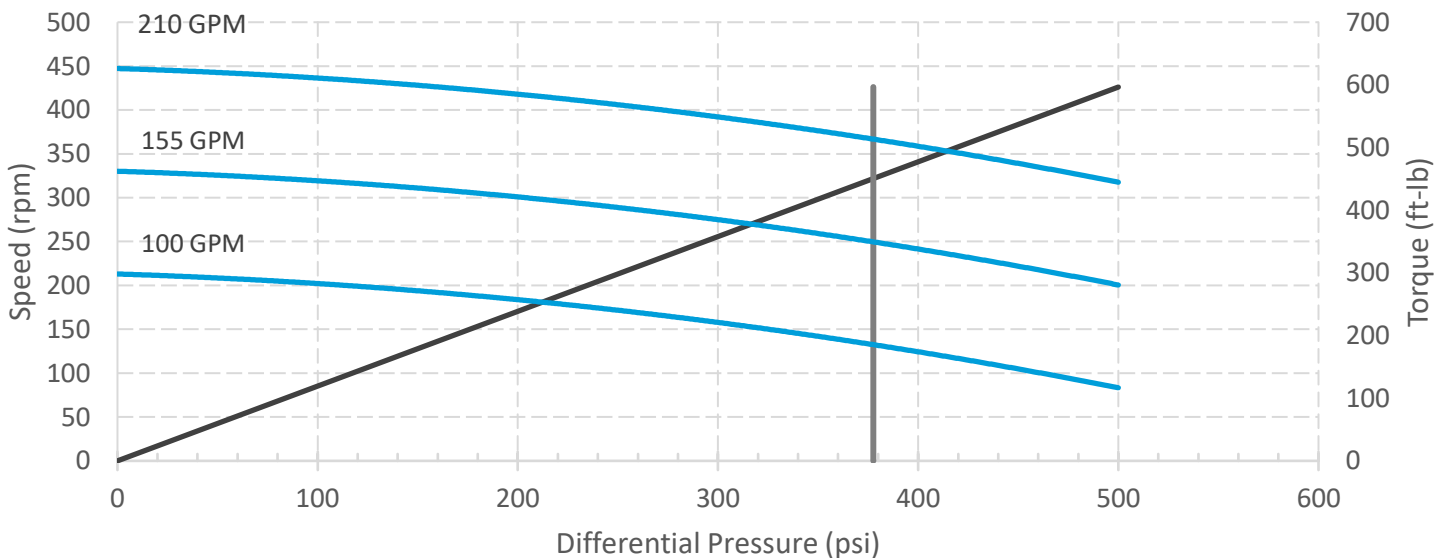


Rotor Specification	
Overall Length	48.50 in.
Contour Length	44.50 in.
Head Length	4.00 in.
Head Diameter	2.18 in.
Major Diameter	2.174 in.
Eccentric	0.156 in.
Material	17-4 PH
Weight	39 lbs.
Thread Form	Contact Factory

Stator Specification	
Overall Length	51.50 in.
Contour Length	43.50 in.
Tube O.D.	3.12 in.
Tube I.D.	2.63 in.
Cutback (Band / Non-Band)	4.00 / 4.00 in.
Stages	1.6
Material	4140 HT
Weight	35 lbs.
Thread Form	Contact Factory

Downhole Performance Specifications				Dyno Performance	
Torque Slope	1.19 ft-lbs/psi	Max Diff. Pressure	380 psi		380 psi
Flow Range	100 - 210 gpm	Max Torque	450 ft-lbs		360 ft-lbs
Speed Range	213 - 448 rpm	Speed (Max Diff. & Flow)	367 rpm		315 rpm
Rotation	2.132 rev/gal	Max HP	30 hp		20 hp
Off-Bottom Pressure	90 psi	Stall Diff. Pressure	600 psi		
		Stall Torque	720 ft-lbs		

Elastomer Performance					
	007		VPX		
	Minor	Nominal Fit	Minor	Nominal Fit	
	Temperature Slope 0.000138 in/°F		Temperature Slope 0.000168 in/°F		
1.0 Undersize					
Standard					
0.5 Oversize	1.867	-0.005	1.878	-0.016	
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	1231.9 mm
Contour Length	1130.3 mm
Head Length	101.6 mm
Head Diameter	55.25 mm
Major Diameter	55.22 mm
Eccentric	3.96 mm
Material	17-4 PH
Weight	18 kgs
Thread Form	Contact Factory

Stator Specification

Overall Length	1308.1 mm
Contour Length	1104.9 mm
Tube O.D.	79.2 mm
Tube I.D.	66.8 mm
Cutback (Band / Non-Band)	101.6 / 101.6 mm
Stages	1.6
Material	4140 HT
Weight	16 kgs
Thread Form	Contact Factory

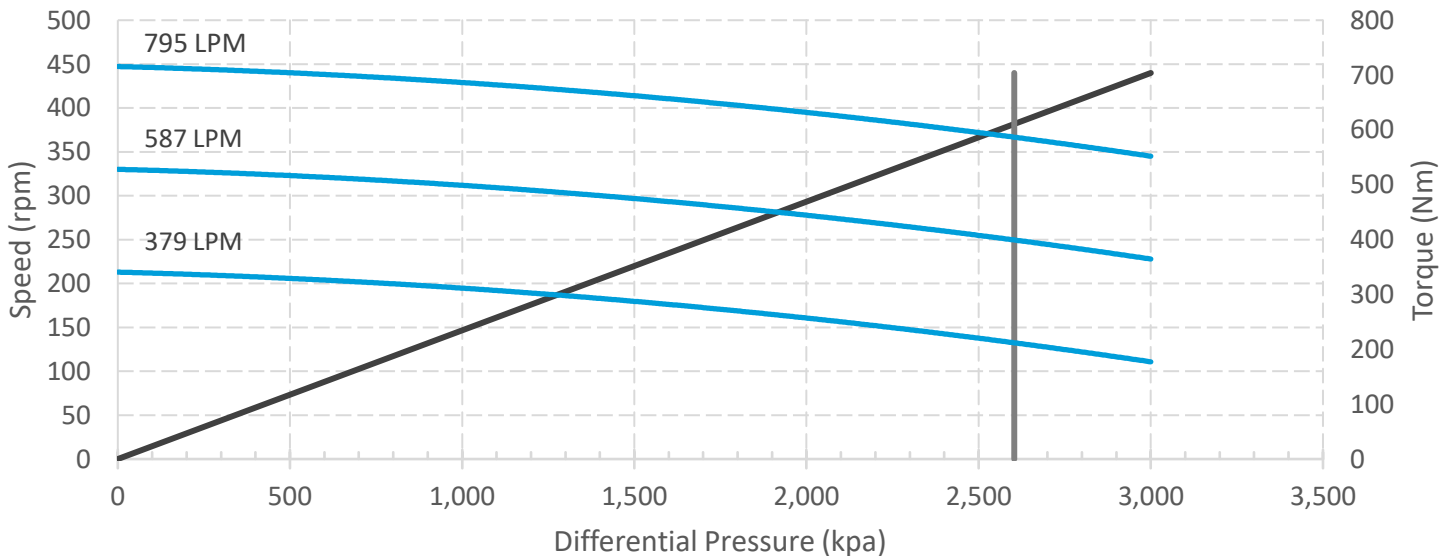
Downhole Performance Specifications

Torque Slope	0.23 Nm/kPa	Max Diff. Pressure	2620 kPa	2620 kPa
Flow Range	379 - 795 lpm	Max Torque	610 Nm	488 Nm
Speed Range	213 - 448 rpm	Speed (Max Diff. & Flow)	367 rpm	315 rpm
Rotation	0.5632 rev/liter	Max HP	22 kW	15 kW
Off-Bottom Pressure	621 kPa	Stall Diff. Pressure	4137 kPa	
		Stall Torque	976 Nm	

Dyno Performance

Elastomer Performance

	007		VPX	
	Temperature Slope 0.006309 mm/°C		Temperature Slope 0.007681 mm/°C	
	Minor	Nominal Fit	Minor	Nominal Fit
1.0 Undersize				
Standard				
0.5 Oversize	47.42	-0.13	47.70	-0.41
1.0 Oversize	47.73	-0.43	47.98	-0.69
1.5 Oversize				
2.0 Oversize				



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