



### Rotor Specification

Overall Length	101.00 in.
Contour Length	97.00 in.
Head Length	4.00 in.
Head Diameter	2.00 in.
Major Diameter	1.971 in.
Eccentric	0.109 in.
Material	17-4 PH
Weight	72 lbs.
Thread Form	Contact Factory

### Stator Specification

Overall Length	106.00 in.
Contour Length	96.00 in.
Tube O.D.	3.12 in.
Tube I.D.	2.62 in.
Cutback (Band / Non-Band)	5.00 / 5.00 in.
Stages	3.0
Material	4140 HT
Weight	77 lbs.
Thread Form	Contact Factory

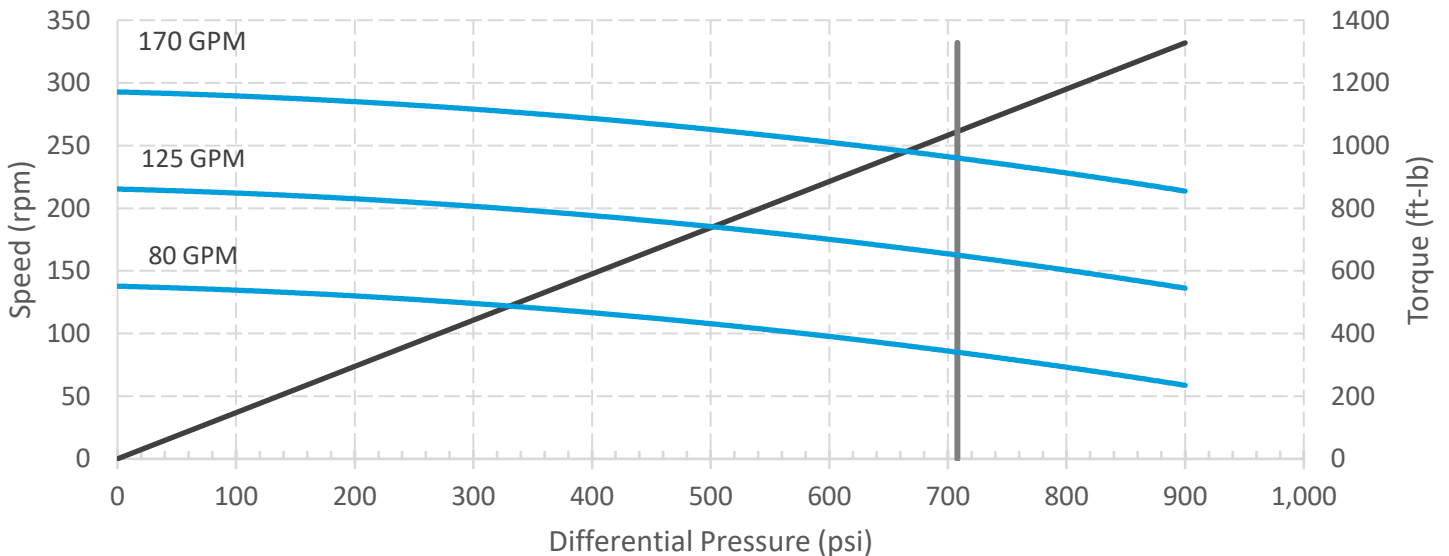
### Downhole Performance Specifications

Torque Slope	1.48 ft-lbs/psi	Max Diff. Pressure	710 psi	710 psi
Flow Range	80 - 170 gpm	Max Torque	1,040 ft-lbs	840 ft-lbs
Speed Range	138 - 293 rpm	Speed (Max Diff. & Flow)	240 rpm	206 rpm
Rotation	1.722 rev/gal	Max HP	50 hp	35 hp
Off-Bottom Pressure	100 psi	Stall Diff. Pressure	1,110 psi	
		Stall Torque	1,640 ft-lbs	

### Dyno Performance

### Elastomer Performance

	007		VPX	
	Minor	Nominal Fit	Minor	Nominal Fit
	Temperature Slope 0.000176 in/°F		Temperature Slope 0.000215 in/°F	
1.0 Undersize				
Standard				
0.5 Oversize				
1.0 Oversize	1.759	-0.006	1.771	-0.018
1.5 Oversize				
2.0 Oversize	1.790	-0.037	1.804	-0.051



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	2565.4 mm
Contour Length	2463.8 mm
Head Length	101.6 mm
Head Diameter	50.80 mm
Major Diameter	50.06 mm
Eccentric	2.77 mm
Material	17-4 PH
Weight	32 kgs
Thread Form	Contact Factory

**Stator Specification**

Overall Length	2692.4 mm
Contour Length	2438.4 mm
Tube O.D.	79.2 mm
Tube I.D.	66.5 mm
Cutback (Band / Non-Band)	127.0 / 127.0 mm
Stages	3.0
Material	4140 HT
Weight	35 kgs
Thread Form	Contact Factory

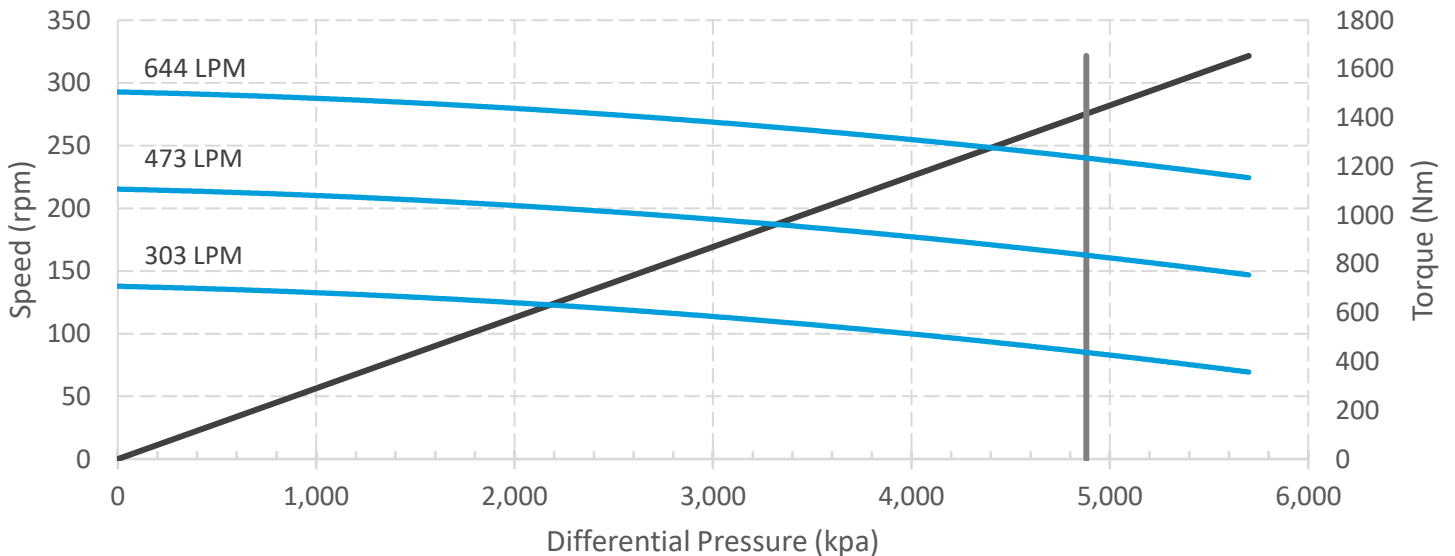
**Downhole Performance Specifications**

Torque Slope	0.29 Nm/kPa	Max Diff. Pressure	4895 kPa	4895 kPa
Flow Range	303 - 644 lpm	Max Torque	1410 Nm	1139 Nm
Speed Range	138 - 293 rpm	Speed (Max Diff. & Flow)	240 rpm	206 rpm
Rotation	0.4549 rev/liter	Max HP	37 kW	26 kW
Off-Bottom Pressure	689 kPa	Stall Diff. Pressure	7653 kPa	
		Stall Torque	2224 Nm	

**Dyno Performance**

**Elastomer Performance**

	007		VPX	
	Minor	Nominal Fit	Minor	Nominal Fit
1.0 Undersize				
Standard				
0.5 Oversize				
1.0 Oversize	44.68	-0.15	44.98	-0.46
1.5 Oversize				
2.0 Oversize	45.47	-0.94	45.82	-1.30



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