



### Rotor Specification

Overall Length	284.50 in.
Contour Length	276.50 in.
Head Length	8.00 in.
Head Diameter	4.75 in.
Major Diameter	5.186 in.
Eccentric	0.293 in.
Material	17-4 PH
Weight	1,378 lbs.
Thread Form	Contact Factory

### Stator Specification

Overall Length	300.00 in.
Contour Length	284.00 in.
Tube O.D.	8.00 in.
Tube I.D.	6.25 in.
Cutback (Band / Non-Band)	8.00 / 8.00 in.
Stages	5.9
Material	4140 HT
Weight	1,778 lbs.
Thread Form	Contact Factory

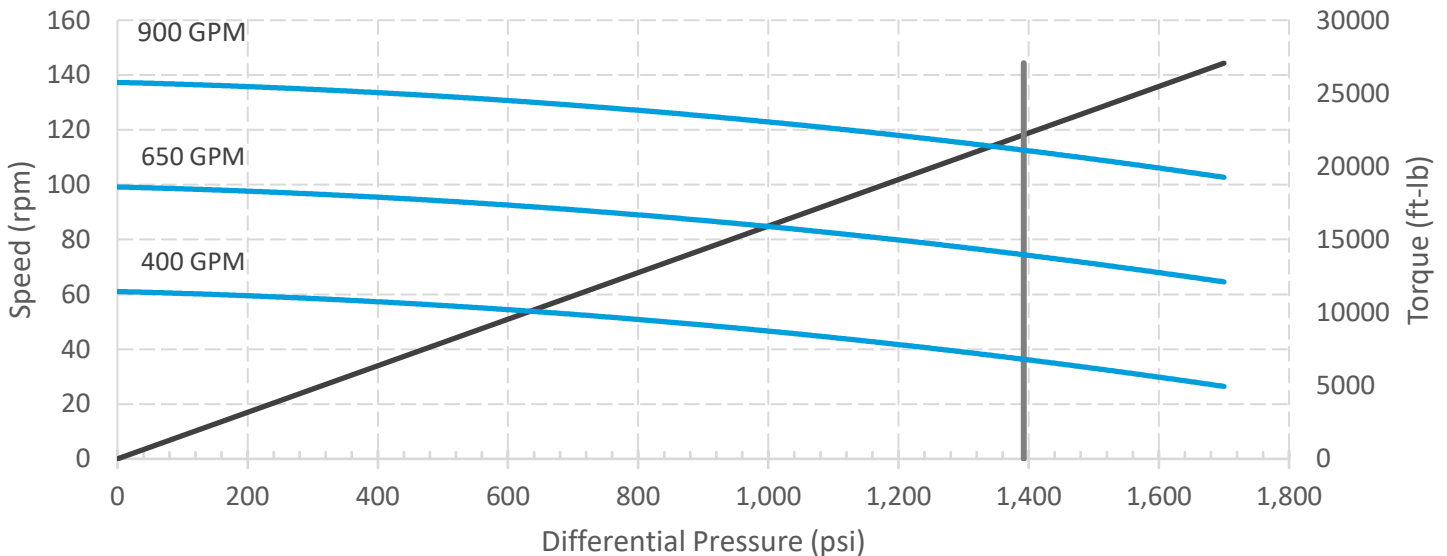
### Downhole Performance Specifications

Torque Slope	15.92 ft-lbs/psi	Max Diff. Pressure	1,390 psi	1,390 psi
Flow Range	400 - 900 gpm	Max Torque	22,170 ft-lbs	17,880 ft-lbs
Speed Range	61 - 137 rpm	Speed (Max Diff. & Flow)	113 rpm	97 rpm
Rotation	0.153 rev/gal	Max HP	475 hp	330 hp
Off-Bottom Pressure	120 psi	Stall Diff. Pressure	2,180 psi	
		Stall Torque	34,700 ft-lbs	

### Dyno Performance

### Elastomer Performance

	007			VPX		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
	Temperature Slope 0.000241 in/°F			Temperature Slope 0.000294 in/°F		
1.0 Undersize						
Standard	4.582	0.018	75 - 195 °F	4.600	0.000	125 - 230 °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	7226.3 mm
Contour Length	7023.1 mm
Head Length	203.2 mm
Head Diameter	120.65 mm
Major Diameter	131.72 mm
Eccentric	7.44 mm
Material	17-4 PH
Weight	625 kgs
Thread Form	Contact Factory

**Stator Specification**

Overall Length	7620.0 mm
Contour Length	7213.6 mm
Tube O.D.	203.2 mm
Tube I.D.	158.8 mm
Cutback (Band / Non-Band)	203.2 / 203.2 mm
Stages	5.9
Material	4140 HT
Weight	806 kgs
Thread Form	Contact Factory

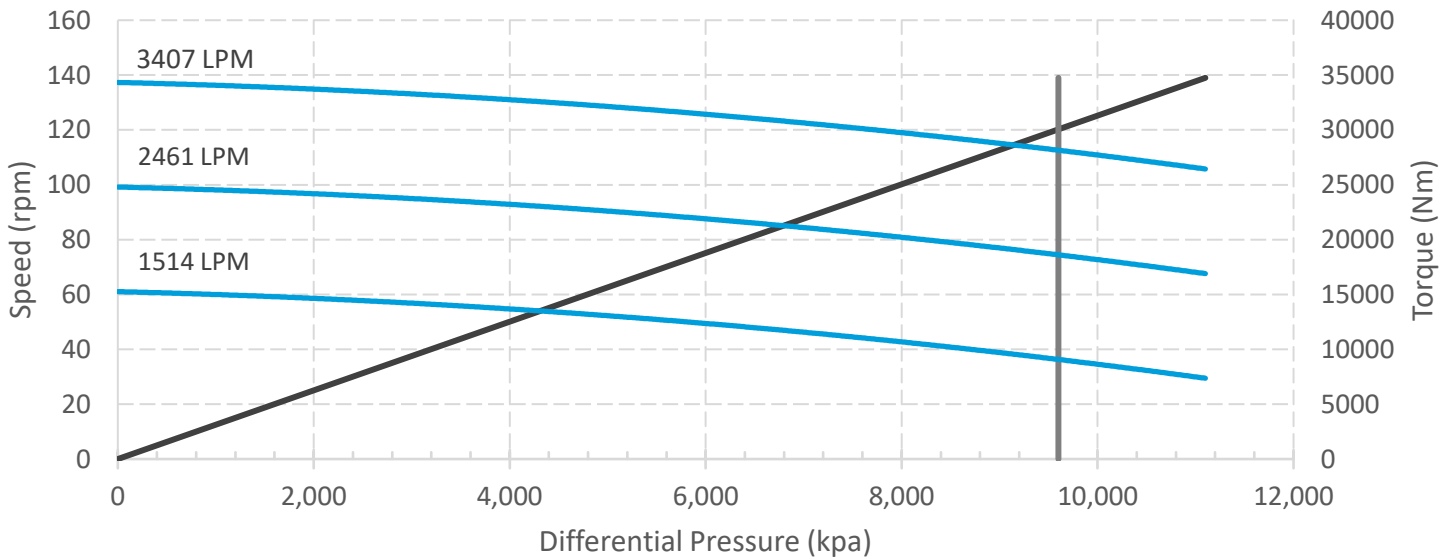
**Downhole Performance Specifications**

Torque Slope	3.13 Nm/kPa	Max Diff. Pressure	9584 kPa	9584 kPa
Flow Range	1514 - 3407 lpm	Max Torque	30058 Nm	24242 Nm
Speed Range	61 - 137 rpm	Speed (Max Diff. & Flow)	113 rpm	97 rpm
Rotation	0.0404 rev/liter	Max HP	354 kW	246 kW
Off-Bottom Pressure	827 kPa	Stall Diff. Pressure	15031 kPa	
		Stall Torque	47047 Nm	

**Dyno Performance**

**Elastomer Performance**

	007			VPX		
	Minor	Nominal Fit	Optimal Temperature	Minor	Nominal Fit	Optimal Temperature
1.0 Undersize						
Standard	116.38	0.46	24 - 91 °C	116.84	0.00	52 - 110 °C
0.5 Oversize						
1.0 Oversize						
1.5 Oversize						
2.0 Oversize						



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