



# VIKING

Power Technologies

5203 Aeropark Dr., Houston, TX 77032 USA  
 Tel: (832)-957-3200 Email: sales@vikingpt.com

## Coil Tubing Power Section

475 910 40

4.75" OD 9/10 Lobes 4.0 Stages

### Rotor Specification

Overall Length	102.00 in.
Contour Length	96.00 in.
Head Length	6.00 in.
Head Diameter	2.88 in.
Major Diameter	2.964 in.
Eccentric	0.135 in.
Material	17-4 PH
Weight	168 lbs.
Thread Form	Contact Factory

### Stator Specification

Overall Length	106.00 in.
Contour Length	90.00 in.
Tube O.D.	4.75 in.
Tube I.D.	3.75 in.
Cutback (Band / Non-Band)	8.00 / 8.00 in.
Stages	4.0
Material	4140 HT
Weight	216 lbs.
Thread Form	Contact Factory

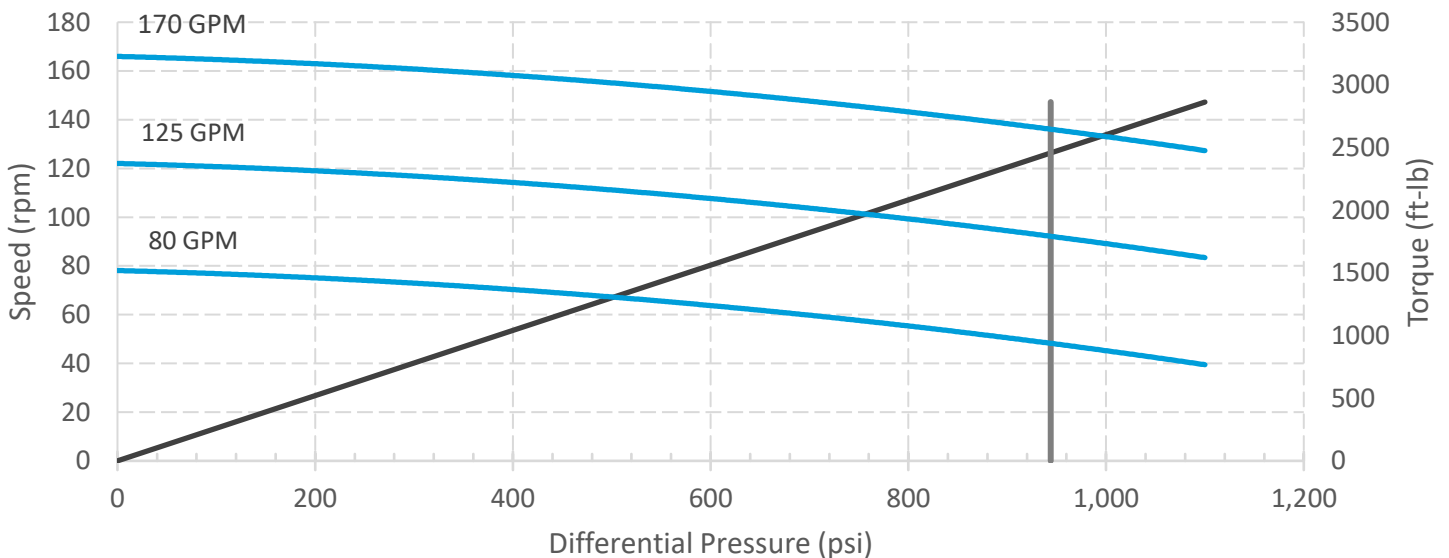
### Downhole Performance Specifications

Torque Slope	2.60 ft-lbs/psi	Max Diff. Pressure	940 psi	940 psi
Flow Range	80 - 170 gpm	Max Torque	2,460 ft-lbs	1,980 ft-lbs
Speed Range	78 - 166 rpm	Speed (Max Diff. & Flow)	136 rpm	117 rpm
Rotation	0.976 rev/gal	Max HP	65 hp	45 hp
Off-Bottom Pressure	75 psi	Stall Diff. Pressure	1,470 psi	
		Stall Torque	3,830 ft-lbs	

### Dyno Performance

### Elastomer Performance

	007		VPX	
	Minor	Nominal Fit	Minor	Nominal Fit
1.0 Undersize				
Standard	2.669	0.025	2.684	0.010
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.



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## Coil Tubing Power Section

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4.75" OD 9/10 Lobes 4.0 Stages

### Rotor Specification

Overall Length	2590.8 mm
Contour Length	2438.4 mm
Head Length	152.4 mm
Head Diameter	73.15 mm
Major Diameter	75.29 mm
Eccentric	3.43 mm
Material	17-4 PH
Weight	76 kgs
Thread Form	Contact Factory

### Stator Specification

Overall Length	2692.4 mm
Contour Length	2286.0 mm
Tube O.D.	120.7 mm
Tube I.D.	95.3 mm
Cutback (Band / Non-Band)	203.2 / 203.2 mm
Stages	4.0
Material	4140 HT
Weight	98 kgs
Thread Form	Contact Factory

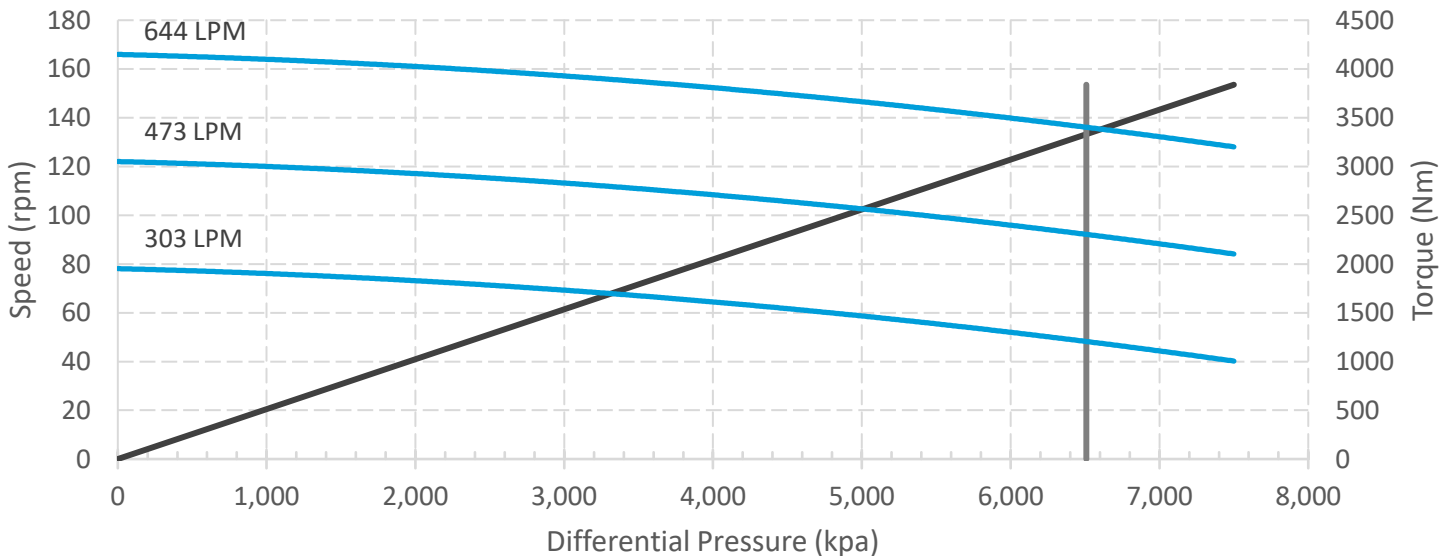
### Downhole Performance Specifications

Torque Slope	0.51 Nm/kPa	Max Diff. Pressure	6481 kPa	6481 kPa
Flow Range	303 - 644 lpm	Max Torque	3335 Nm	2685 Nm
Speed Range	78 - 166 rpm	Speed (Max Diff. & Flow)	136 rpm	117 rpm
Rotation	0.2578 rev/liter	Max HP	48 kW	34 kW
Off-Bottom Pressure	517 kPa	Stall Diff. Pressure	10135 kPa	
		Stall Torque	5193 Nm	

### Dyno Performance

### Elastomer Performance

	007		VPX	
	Minor	Nominal Fit	Minor	Nominal Fit
1.0 Undersize				
Standard	67.79	0.64	68.17	0.25
0.5 Oversize				
1.0 Oversize				
1.5 Oversize				
2.0 Oversize				



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