



Power Section Specification



525-67109
5.25" 6:7 Lobes 10.9 Stages

Specification 21°C			
Rotor		Stator	
Overall Length	7429.5 mm	Overall Length	7620.0 mm
Avg. Diameter	74.74 mm	Tube OD	133.35 mm
Contour Length	7239.0 mm	Contour Length	7188.2 mm
Eccentricity	4.96 mm	Tube ID	107.95 mm
Major Diameter	84.66 mm	Rubber Cut-back	
Head Diameter	78.74 mm	Side 1:	215.9 mm
Head Length	190.5 mm	Side 2:	215.9 mm
Weight	254 kg	Weight	321 kg
Thread Form	2.438 XDV	Material	Alloy Steel

Specification 79°C			
Performance - Stator Group 2 Reference			
Flow Range	568-1325		LPM
Rev per Unit Volume	0.22		Rev/L
Speed Range	123-287		RPM
No Load Pressure Loss	867		kPa
	POB		XTH
Max Recommended Pressure	17,170 kPa		18,890 kPa
Torque at Max Rec. Pressure	11,080 N-m		12,190 N-m
Stall Pressure	25,760 kPa		28,340 kPa
Stall Torque	16,640 N-m		18,280 N-m

Stator Minors and Fit (in.) 21°C				
Size	POB		XTH	
	Minor (mm)	Fit (mm)	Minor (mm)	Fit (mm)
1			74.955	-0.22
5	75.743	-1.00	2.979	71.761

Alternate Dimensions		
	Max (mm)	Min (mm)
Reline Lengths	7620	7315
Alt. Stator OD (in.)	-	-
Alt. Rotor Avg. Diameter (in.)	-	-

Max DP for reliable operation will vary based on operational conditions.

Performance Graphs at 79°C - Group 2 Reference

