



# Power Section Specification



**550-56100**

5.5" 5:6 Lobes 10 Stages

Specification 21°C			
Rotor		Stator Group 2	
Overall Length	7353.3 mm	Overall Length	7543.8 mm
Avg. Diameter	81.10 mm	Tube OD	140.46 mm
Contour Length	7162.8 mm	Contour Length	7112.0 mm
Eccentricity	5.84 mm	Tube ID	117.48 mm
Major Diameter	92.79 mm	Rubber Cut-back	
Head Diameter	86.11 mm	Side 1:	215.9 mm
Head Length	190.5 mm	Side 2:	215.9 mm
Weight	298 kg	Weight	683 kg
Thread Form	2.438 XDV	Material	Alloy Steel

Specification 21°C			
Performance - Stator Group 2 Reference			
Flow Range	946-1666		LPM
Rev per Unit Volume	0.18		Rev/L
Speed Range	171-302		RPM
No Load Pressure Loss	941		kPa
	POB		XTH
Max Recommended Pressure	15,510	kPa	17,030 kPa
Torque at Max Rec. Pressure	12,230	N-m	13,450 N-m
Stall Pressure	23,270	KPa	25,550 kPa
Stall Torque	18,380	N-m	20,170 N-m

Stator Minors and Fit (in.) 21°C				
Size	POB		XTH	
	Minor (mm)	Fit (mm)	Minor (mm)	Fit (mm)
2	81.483	-0.38	81.483	-0.38

Alternate Dimensions		
	Max (mm)	Min (mm)
Reline Lengths	7544	7188
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**

