



Power Section Specification



550-56100

5.5" 5:6 Lobes 10 Stages

Specification 70°F			
Rotor		Stator	
Overall Length	289.50 in.	Overall Length	297.00 in.
Avg. Diameter	3.193 in.	Tube OD	5.530 in.
Contour Length	282.00 in.	Contour Length	280.00 in.
Eccentricity	0.230 in.	Tube ID	4.625 in.
Major Diameter	3.653 in.	Rubber Cut-back	
Head Diameter	3.390 in.	Side 1:	8.50 in.
Head Length	7.50 in.	Side 2:	8.50 in.
Weight	657 lbs	Weight	683 lbs
Thread Form	2.438 XDV	Material	Alloy Steel

Specification 70°F			
Performance - Stator Group C Reference			
Flow Range	250-440		GPM
Rev per Unit Volume	0.69		Rev/Gal
Speed Range	171-302		RPM
No Load Pressure Loss	137		psi
	POB		XTH
Max Recommended Pressure	2,250	psi	2,470
Torque at Max Rec. Pressure	9,020	ft-lbs	9,920
Stall Pressure	3,380	psi	3,710
Stall Torque	13,560	ft-lbs	14,880

Stator Minors and Fit (in.) 70°F				
Size	POB		XTH	
	Minor (in.)	Fit (in.)	Minor (in.)	Fit (in.)
2	3.208	-0.015	3.208	-0.015

Alternate Dimensions		
	Max (in.)	Min (in.)
Reline Lengths	297	283
Alt. Stator OD (in.)	-	-
Alt. Rotor Avg. Diameter (in.)	-	-
Max DP for reliable operation will vary based on operational conditions.		

Performance Graphs at 175°F - Group 2 Reference

