



ERT™ Power Section Specification



525ERT67101

5.25" 6:7 Lobes 10.1 Stages

Specification 70°F			
Rotor		Stator	
Overall Length	292.50 in.	Overall Length	300.00 in.
Avg. Diameter	2.943 in.	Tube OD	5.25 in.
Contour Length	285.00 in.	Contour Length	263.00 in.
Eccentricity	0.195 in.	Tube ID	4.250 in.
Major Diameter	3.333 in.	Rubber Cut-back	
Head Diameter	3.100 in.	Side 1:	8.50 in.
Head Length	7.50 in.	Side 2:	8.50 in.
Weight	561 lbs	Weight	816 lbs
Thread Form	2.438 XDV	Material	Alloy Steel

Specification 175°F			
Performance - Stator Group 2 Reference			
Flow Range	150-350	GPM	
Rev per Unit Volume	0.82	Rev/Gal	
Speed Range	123-287	RPM	
No Load Pressure Loss	179	psi	
	POB	XTH	
Max Recommended Pressure	- psi	2,890 psi	
Torque at Max Rec. Pressure	- ft-lbs	9,500 ft-lbs	
Stall Pressure	- psi	5,290 psi	
Stall Torque	- ft-lbs	17,390 ft-lbs	

Stator Minors and Fit (in.) 70°F				
Size	POB		XTH	
	Minor (in.)	Fit (in.)	Minor (in.)	Fit (in.)
2			2.950	-0.008
5			2.959	-0.017

Alternate Dimensions		
	Max (in.)	Min (in.)
Reline Lengths	300.00	294.00
Alt. Stator OD (in.)		
Alt. Rotor Avg. Diameter (in.)		

Max DP for reliable operation will vary based on operational conditions. Refer to ERT Operational Guidelines for guidance.

GRP 2 Performance Graphs at 175°F

