



ERT™ Power Section Specification



725ERT7852

7.25" 7:8 Lobes 5.2 Stages

Specification 70°F			
Rotor		Stator	
Overall Length	253.00 in.	Overall Length	260.00 in.
Avg. Diameter	4.461 in.	Tube OD	7.25 in.
Contour Length	241.00 in.	Contour Length	239.00 in.
Eccentricity	0.274 in.	Tube ID	6.172 in.
Major Diameter	5.009 in.	Rubber Cut-back	
Head Diameter	4.750 in.	Side 1:	8.00 in.
Head Length	12.00 in.	Side 2:	13.00 in.
Weight	1052 lbs	Weight	1174 lbs
Thread Form	3.688 XDV	Material	Alloy Steel

Specification 175°F			
Performance - Stator Group 2 Reference			
Flow Range	500-800	GPM	
Rev per Unit Volume	0.18	Rev/Gal	
Speed Range	92-148	RPM	
No Load Pressure Loss	224	psi	
Max Recommended Pressure	1,440 psi	POB	XTH
Torque at Max Rec. Pressure	20,560 ft-lbs	1,540 psi	22,030 ft-lbs
Stall Pressure	2,640 psi	2,820 psi	
Stall Torque	37,620 ft-lbs	40,310 ft-lbs	

Stator Minors and Fit (in.) 70°F				
Size	POB		XTH	
	Minor (in.)	Fit (in.)	Minor (in.)	Fit (in.)
1	4.465	-0.005	4.465	-0.005

Alternate Dimensions		
	Max (in.)	Min (in.)
Reline Lengths	260.00	254.00
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

