



# ERT™ Power Section Specification

[Group 0 at 175°F [PRELIMINARY]]



**988ERT7845**  
9.875" 7:8 Lobes 4.5 Stages

Specification 70°F			
Rotor		Stator	
Overall Length	250.50 in.	Overall Length	260.00 in.
Avg. Diameter	5.871 in.	Tube OD	9.875 in.
Contour Length	241.00 in.	Contour Length	239.00 in.
Eccentricity	0.368 in.	Tube ID	8.145 in.
Major Diameter	6.607 in.	Rubber Cut-back	
Head Diameter	5.500 in.	Side 1:	10.50 in.
Head Length	9.50 in.	Side 2:	10.50 in.
Weight	2457 lbs	Weight	2283 lbs
Thread Form	4.100XDV	Material	Alloy Steel

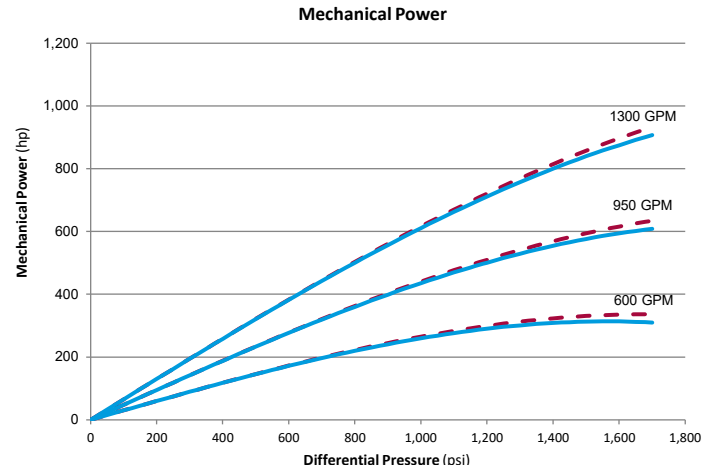
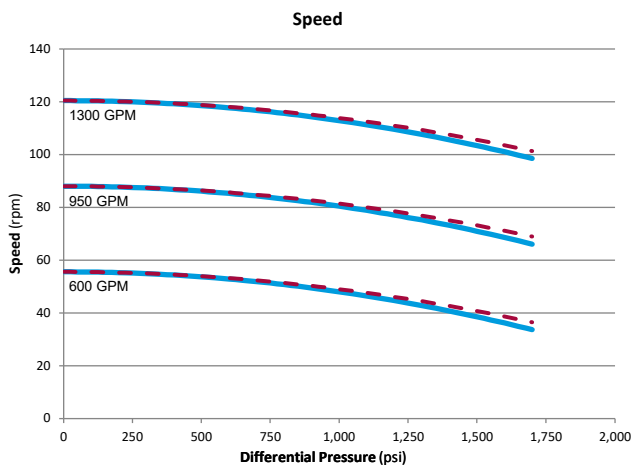
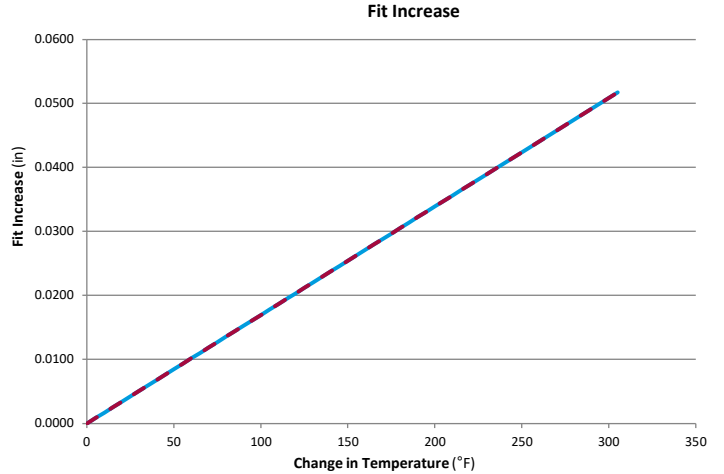
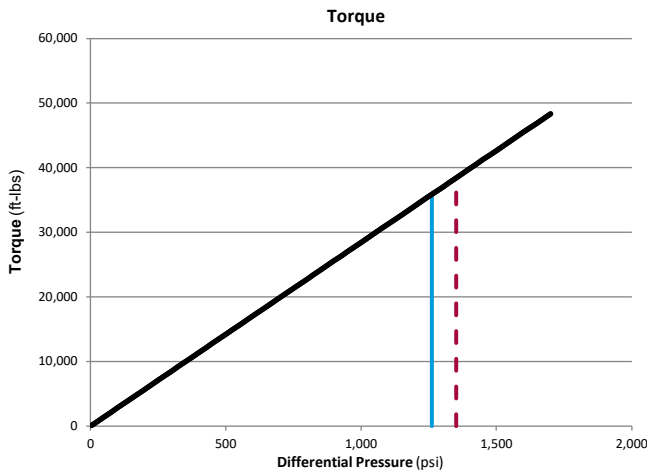
Specification 175°F			
Performance - Stator Group 2 Reference			
Flow Range	600-1300		GPM
Rev per Unit Volume	0.09		Rev/Gal
Speed Range	56-120		RPM
No Load Pressure Loss	230		psi
	<b>POB</b>		<b>XTH</b>
Max Recommended Pressure	1,260	psi	1,350
Torque at Max Rec. Pressure	35,850	ft-lbs	38,420
Stall Pressure	2,310	psi	2,470
Stall Torque	65,610	ft-lbs	70,300

Stator Minors and Fit (in.) 70°F				
Size	POB		XTH	
	Minor (in.)	Fit (in.)	Minor (in.)	Fit (in.)
0	5.862	0.008	5.862	0.008

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**



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