



# 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	6362.70 mm	Overall Length	6604.0 mm
Avg. Diameter	149.11 mm	Tube OD	250.83 mm
Contour Length	6121.40 mm	Contour Length	6070.60 mm
Eccentricity	9.354 mm	Tube ID	206.88 mm
Major Diameter	167.82 mm	Rubber Cut-back	
Head Diameter	139.70 mm	Side 1:	266.70 mm
Head Length	241.30 mm	Side 2:	266.70 mm
Weight	1115 kg	Weight	1036 kg
Thread Form	4.100XDV	Material	Alloy Steel

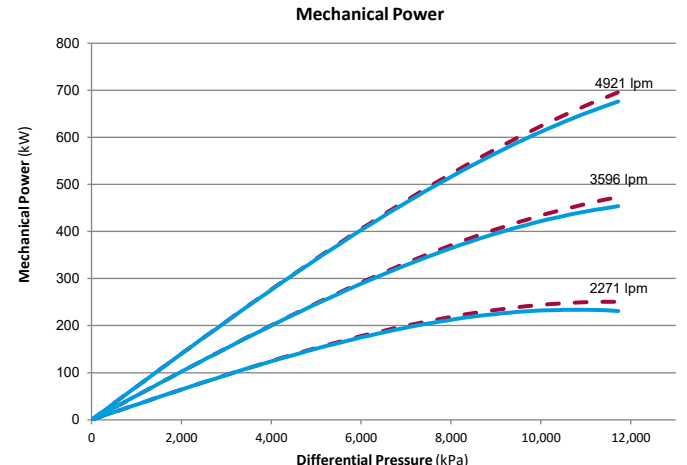
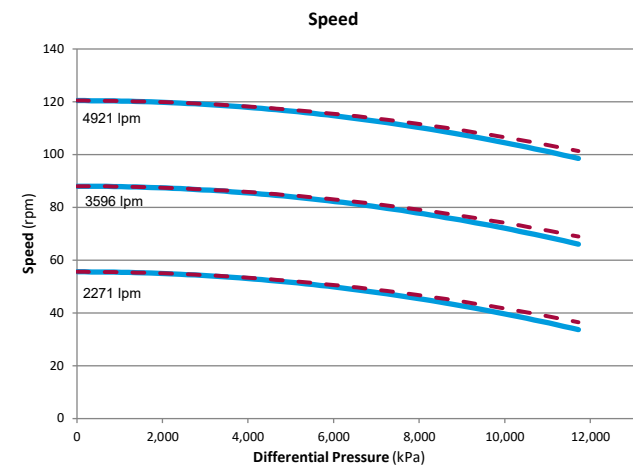
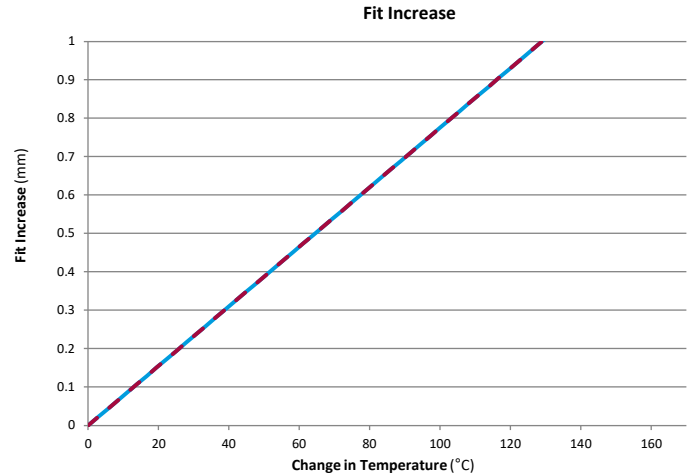
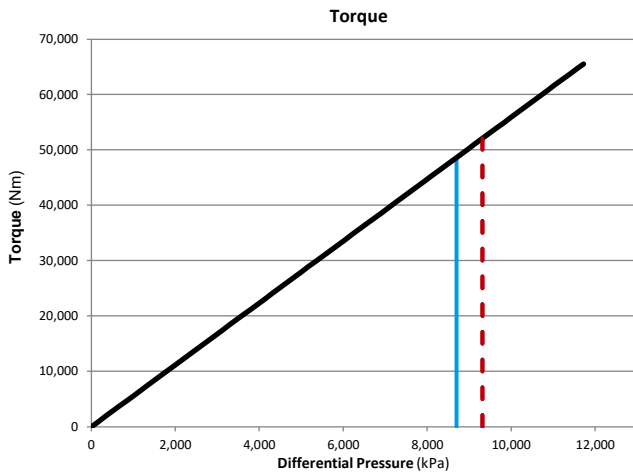
Specification 175°F			
Performance - Stator Group 2 Reference			
Flow Range	2271-4921	lpm	
Rev per Unit Volume	0.02	Rev/liter	
Speed Range	56-120	RPM	
No Load Pressure Loss	1585	kPa	
	<b>POB</b>		<b>XTH</b>
Max Recommended Pressure	8,690 kPa		9,310 kPa
Torque at Max Rec. Pressure	48,610 Nm		52,090 Nm
Stall Pressure	15,930 kPa		17,030 kPa
Stall Torque	88,960 Nm		95,310 Nm

Stator Minors and Fit (mm) 70°F				
Size	POB		XTH	
	Minor (mm)	Fit (mm)	Minor (mm)	Fit (mm)
0	148.89	0.22	148.89	0.22

Alternate Dimensions		
	Max (mm)	Min (mm)
Reline Lengths	6604	6452
Alt. Stator OD (mm)	-	-
Alt. Rotor Avg. Diameter (mm)	-	-

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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