



# ERT™ Power Section Specification



## 525ERT67101

5.25" 6:7 Lobes 10.1 Stages

Specification 70°F			
Rotor		Stator	
Overall Length	7429.50 mm	Overall Length	7620.00 mm
Avg. Diameter	74.740 mm	Tube OD	133.350 mm
Contour Length	7239.00 mm	Contour Length	6680.20 mm
Eccentricity	4.959 mm	Tube ID	107.950 mm
Major Diameter	84.658 mm	Rubber Cut-back	
Head Diameter	78.740 mm	Side 1:	215.90 mm
Head Length	190.50 mm	Side 2:	215.90 mm
Weight	254 kg	Weight	370 kg
Thread Form	2.438 XDV	Material	Alloy Steel

Specification 175°F			
Performance - Stator Group 2 Reference			
Flow Range	568-1325		lpm
Rev per Unit Volume	0.22		Rev/liter
Speed Range	123-287		RPM
No Load Pressure Loss	1232		kPa
	<b>POB</b>		<b>XTH</b>
Max Recommended Pressure	-	kPa	19,930 kPa
Torque at Max Rec. Pressure	-	Nm	12,880 Nm
Stall Pressure	-	kPa	36,470 kPa
Stall Torque	-	Nm	23,580 Nm

Stator Minors and Fit (mm) 70°F				
Size	POB		XTH	
	Minor (mm)	Fit (mm)	Minor (mm)	Fit (mm)
2			74.93	-0.19
5			75.16	-0.419

Alternate Dimensions		
	Max (mm)	Min (mm)
Reline Lengths	7620	7468
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

