



# ERT™ Power Section Specification



## 725ERT7852

7.25" 7:8 Lobes 5.2 Stages

Specification 70°F			
Rotor		Stator	
Overall Length	6426.20 mm	Overall Length	6604.00 mm
Avg. Diameter	113.297 mm	Tube OD	184.150 mm
Contour Length	6121.40 mm	Contour Length	6070.60 mm
Eccentricity	6.966 mm	Tube ID	156.769 mm
Major Diameter	127.229 mm	Rubber Cut-back	
Head Diameter	120.650 mm	Side 1:	203.20 mm
Head Length	304.80 mm	Side 2:	330.20 mm
Weight	477 kg	Weight	533 kg
Thread Form	3.688 XDV	Material	Alloy Steel

Specification 175°F			
Performance - Stator Group 2 Reference			
Flow Range	1893-3028		lpm
Rev per Unit Volume	0.05		Rev/liter
Speed Range	92-148		RPM
No Load Pressure Loss	1541		kPa
Max Recommended Pressure	POB	9,930	kPa
	XTH	10,620	kPa
Torque at Max Rec. Pressure	27,880	Nm	
Stall Pressure	18,200	kPa	
Stall Torque	51,010	Nm	

Stator Minors and Fit (mm) 70°F				
Size	POB		XTH	
	Minor (mm)	Fit (mm)	Minor (mm)	Fit (mm)
1	113.41	-0.11	113.41	-0.11

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

