



# ERT™ Power Section Specification

## 550ERT6778

5.5" 6:7 Lobes 7.8 Stages

Rotor Specifications		Stator Specifications		Performance Specifications		
Overall Length	252.50 in.	Overall Length	260.00 in.	Flow Range	200-425	GPM
Avg. Diameter	2.910 in.	Tube OD	5.500 in.	Rev per Unit Volume	0.58	Rev/Gal
Contour Length	245.00 in.	Contour Length	243.00 in.	Speed Range	116-245	RPM
Eccentricity	0.205 in.	Tube ID	3.420 in.	No Load Pressure Loss	203	psi
Major Diameter	3.320 in.	Rubber Cut-back				
Head Diameter	3.100 in.	Side 1:	8.50 in.	Max Recommended Pressure	2,080 psi	XTH 2,230 psi
Head Length	7.50 in.	Side 2:	8.50 in.	Torque at Max Rec. Pressure	8,300 ft-lbs	8,890 ft-lbs
Weight	471 lbs	Weight	651 lbs	Stall Pressure	3,810 psi	4,080 psi
Thread Form	2.438" XDV	Material	Alloy Steel	Stall Torque	15,190 ft-lbs	16,270 ft-lbs

### Stator Minors and Fit (in.) at 70°F

Size	POB-PXP		XTH	
	Minor	Fit	Minor	Fit
A	2.910	0.000	2.910	0.000
1	2.923	-0.013	2.923	-0.013
6			2.932	-0.022

Reline Lengths (in.)	Max	260.00	Min	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.

