



Power Section Specification

287-5647
2.875" 5:6 Lobes 4.7 Stages

Rotor Specifications

Overall Length	93.38 in
Avg. Diameter	1.637 in
Contour Length	87.00 in
Eccentricity	0.136 in
Major Diameter	1.909 in
Head Diameter	1.890 in
Head Length	6.38 in
Weight	57 lb
Thread Form	0.75-10 UNC

Stator Specifications

Overall Length	105.63 in
Tube OD	2.88 in
Contour Length	85.75 in
Tube ID	2.375 in
Rubber Cut-back	
Side 1:	3.88 in
Side 2:	16.00 in
Weight	67 lb
Material	Alloy Steel

Performance Specifications

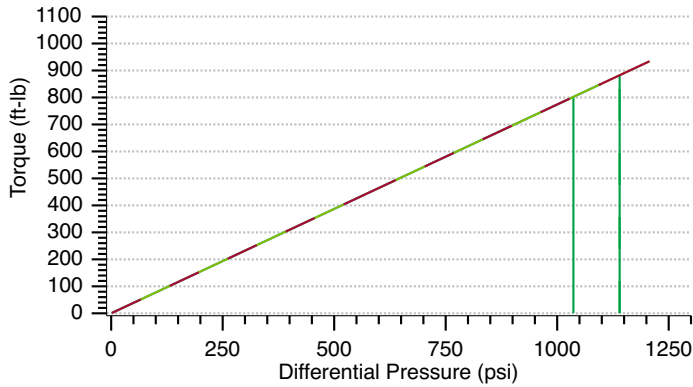
Flow Range	50-168	GPM	
Rev per Unit Volume	3.56	Rev/Gal	
Speed Range	178-598	RPM	
No Load Pressure Loss	109	psi	
	POB-PRR-PXP	280XT	XTH
Max Rec Press	1,040 psi	1,140 psi	1,140 psi
Torque @ Max Press	800 ft-lbs	880 ft-lbs	880 ft-lbs
Stall Pressure	1,560 psi	1,710 psi	1,710 psi
Stall Torque	1,200 ft-lbs	1,320 ft-lbs	1,320 ft-lbs

Stator Minors and Fit (in) at 70°F

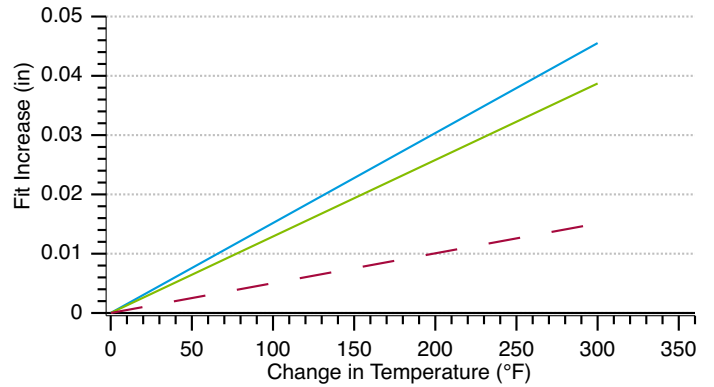
Group	POB-PRR-PXP				280XT				XTH			
	Minor	Fit	Minor	Fit	Minor	Fit	Minor	Fit	Minor	Fit	Minor	Fit
0	1.635	0.002	1.635	0.002	1.635	0.002	1.635	0.002	1.635	0.002	1.635	0.002
4	1.652	-0.015	1.648	-0.011	1.652	-0.015	1.648	-0.011	1.652	-0.015	1.648	-0.011
7	1.667	-0.030	1.660	-0.023	1.660	-0.023	1.630	0.007	1.630	0.007	1.630	0.007

Reline Lengths (in)	Monoflo:	Max	-	Min	-	R&M:	Max	-	Min	-	Alternate Stator OD (in):	- / -
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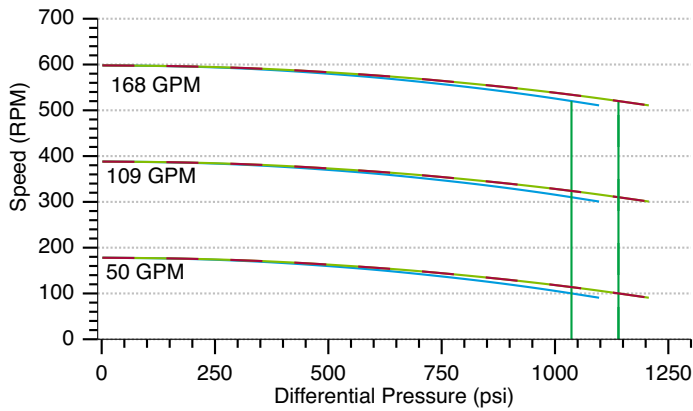
Torque



Fit Increase



Speed



Mechanical Power

