



Power Section Specification (Imperial Units)

312-5635

3.125" 5:6 Lobes 3.5 Stages

Rotor Specifications

Overall Length	84.0 in.
Avg. Diameter	1.868 in.
Contour Length	81.0 in.
Eccentricity	0.156 in.
Major Diameter	2.180 in.
Head Diameter	2.250 in.
Head Length	3.00 in.
Weight	62 lbs
Thread Form	

Stator Specifications

Overall Length	88.0 in.
Tube OD	3.125 in.
Contour Length	80.00 in.
Tube ID	2.625 in.
Rubber Cut-back	
Side 1:	4.000 in.
Side 2:	4.000 in.
Weight	63 lbs
Material	Alloy Steel

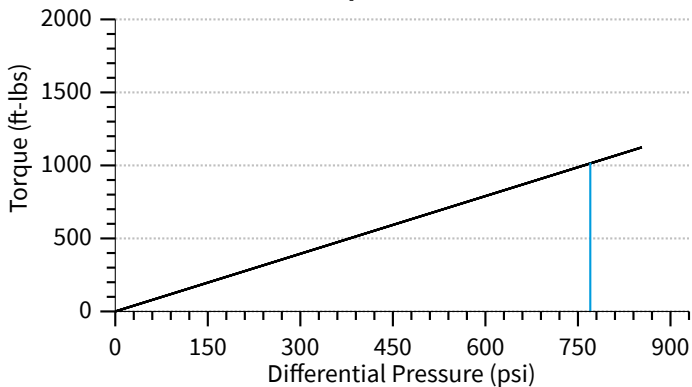
Performance Specifications

Flow Range	100-230	GPM		
Rev per Unit Volume	2.094	Rev/Gal		
Speed Range	209-481	RPM		
No Load Pressure Loss	133	psi		
Max Δ Pressure	-	-	770 psi	-
Max Torque	-	-	1,020 ft-lbs	-
Stall Δ Pressure	-	-	1,160 psi	-
Stall Torque	-	-	1,520 ft-lbs	-

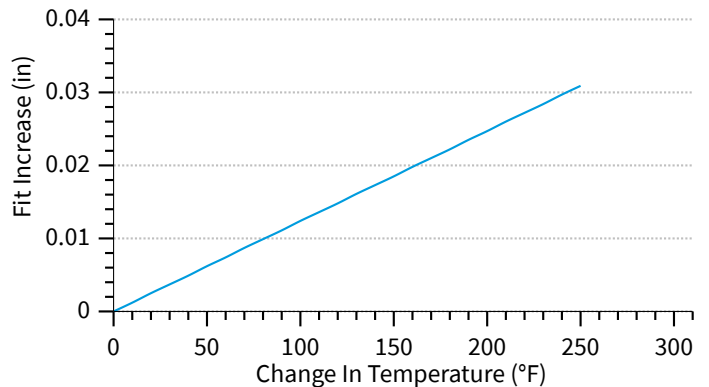
Stator Minors and Fit (in.) at 70°F

Nomenclature			RR				UF100D-UF180				UF114		POB-PRR				280XT			
Size	Monoflo	R&M	Monoflo	Fit	R&M	Fit	R&M	Fit	R&M	Fit	Monoflo	Fit	R&M	Fit	Monoflo	Fit	R&M	Fit		
T																				
0																				
1																				
2																				
3																				
4																				
5																				
6	2-OS										1.898	-0.030								
7																				
8																				
Reline Lengths (in.)	Monoflo: Max		Min				R&M: Max		Min		Alternate Stator OD: (in.)									

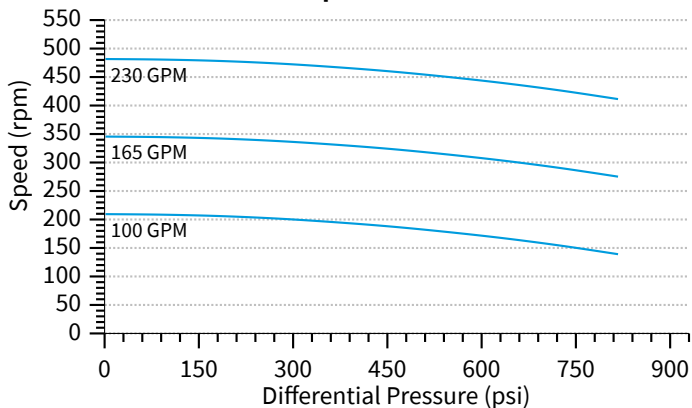
Torque



Fit Increase



Speed



Mechanical Power

