

3.1.2 F-800

Gear Ratio	4.185:1
Pinion Shaft Diameter	7"
Suction Flange	10"
Discharge Flange	5"
Overall Length	13'
Overall Width (Without Strainer Block)	7.07'
Overall Height (Without Pulsation Dampener)	5.61'
Gross Weight (lbs)	32,223

TFI F-800 Triplex Pump – Sizes and Ratings

Liner Size			Displacement				Maximum Pressure		Pump SPM	Input HP	Input kW
Dia.	Stroke		Per Stroke		Per Minute		Psi	MPa			
in	in	mm	Gal.	Lit.	Gal.	Lit.					
6-3/4	9	229	4.06	15.4	607	2307	1972	13.6	150	800	596
6-1/2			3.59	13.6	538	2044	2233	15.4			
6-1/4			3.15	12.0	473	1797	2537	17.5			
6			2.76	10.5	412	1566	2915	20.1			
5-1/2			2.37	9.0	355	1349	3378	23.3			
5			2.03	7.7	302	1148	3958	27.3			
4-1/2			1.69	6.4	254	965	4712	32.5			

Note: mechanical efficiency 90%; volumetric efficiency 100%.