

3.1.5 F-1600

Gear Ratio	4.207:1
Pinion Shaft Diameter	8.5"
Suction Flange	12"
Discharge Flange	5"
Overall Length	15.99'
Overall Width (Without Strainer Block)	7.91'
Overall Height (Without Pulsation Dampener)	6.75'
Gross Weight (lbs)	56,663

TFI F-1600 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.					
7	12	305	6.15	23.4	738	2804	3292	22.7	120	1600	1193
6-3/4			5.48	20.8	658	2500	3698	25.5			
6-1/2			4.86	18.5	583	2215	4133	28.5			
6			4.27	16.2	512	1946	4742	32.7			
5-1/2			3.73	14.2	446	1695	4974	34.3			
5			3.21	12.2	385	1463	4988	34.4			

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