

### 3.1.3 F-1000

Gear Ratio	4.207:1
Pinion Shaft Diameter	7.75"
Suction Flange	12"
Discharge Flange	5-1/8"
Overall Length	14'
Overall Width (Without Strainer Block)	7.71'
Overall Height (Without Pulsation Dampener)	5.91'
Gross Weight (lbs)	45,310

#### TFI F-1000 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	10.0	254	4.58	17.4	640	2432	2378	16.4	140	1000	746
6-1/2			4.23	16.1	602	2288	2552	17.6			
6-1/4			3.92	14.9	558	2120	2769	19.1			
6			3.61	13.7	514	1953	3001	20.7			
5-1/2			3.04	11.6	431	1638	3567	24.6			
5			2.50	9.5	357	1357	4321	29.8			
4-1/2			2.11	8.0	298	1132	5162	35.6			

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