

3.1.4 F-1300

Gear Ratio	4.207:1
Pinion Shaft Diameter	8.5"
Suction Flange	12"
Discharge Flange	5-1/8"
Overall Length	15.99'
Overall Width (Without Strainer Block)	7.91'
Overall Height (Without Pulsation Dampener)	6.75'
Gross Weight (lbs)	55,752

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	2683	18.5	120	1300	969
6-3/4			5.40	20.5	637	2421	3000	20.7			
6-1/2			4.86	18.5	583	2215	3393	23.4			
6			4.27	16.2	512	1946	3857	26.6			
5-1/2			3.73	14.2	446	1695	4423	30.5			
5			3.21	12.2	385	1463	4973	34.3			

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