

## CAPACITIES AND RECOMMENDED WORKING PRESSURES

Pump Figure No.	Size	Piston Area, Sq. In.	DISPLACEMENT		R.P.M. *	Working Pressure, Lbs. per Sq. In.	Horse Power Required	Plunger Load Pounds
			Gallons per Minute	Barrels per Hour				
1740, 1742.....	2½ x 10	4.01	38	54	54	1,400	34.0	8,870
	3 x 10	7.07	57	82	54	1,400	51.7	9,900
	3½ x 10	9.62	81	116	54	1,200	62.6	11,540
	4 x 10	12.57	109	156	54	925	64.9	11,630
	4½ x 10	15.90	140	200	54	725	65.2	11,630
	5 x 10	19.64	175	250	54	600	67.5	11,780
1742.....	5½ x 10	23.76	213	305	54	500	68.6	11,890
1741 1743.....	4 x 10	12.57	109	150	54	600	42.0	7,540
	4½ x 10	15.90	140	200	54	600	54.0	9,440
	5 x 10	19.64	175	250	54	600	67.5	11,780
	5½ x 10	23.76	213	305	54	500	68.6	11,880
	6 x 10	28.27	266	366	54	400	65.7	11,310
	6½ x 10	33.18	301	431	54	350	67.9	11,610
	7 x 10	38.46	351	502	54	300	67.8	11,540
1743.....	7½ x 10	44.18	406	578	54	260	67.6	11,485

Standard Gear Ratio - 5.846:1.

Suction Connection - 6 in. 150# Flat Face

Discharge Connection: 4 in. 600# Raised Face