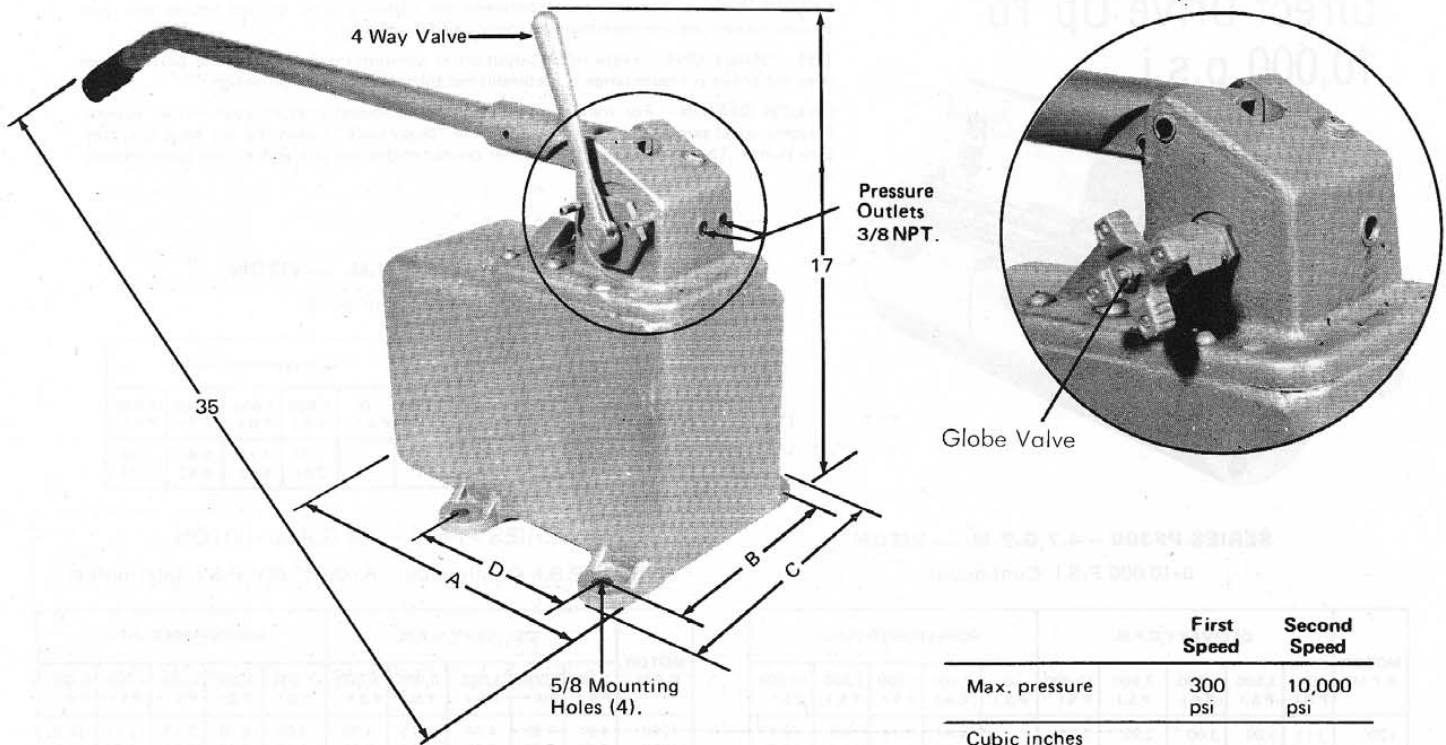




TASK-FORCE PUMPS

HAND OPERATED PUMPS, 2-SPEED 10,000 P.S.I.



CYLINDER OIL VOLUME REQUIREMENTS

Cylinder Inside Diameter (Inches)	Cylinder Ram Diameter (Inches)	Oil Required By Cylinders Per Inch of Stroke*		—Ram Travel— In Inches Per Stroke of Pump Handle	
		Single Acting Cylinders (Quarts)	Double Acting Cylinders (Quarts)	First Speed	Second Speed
3	1-3/4	0.12	0.04	1.10	0.041
4	1-7/8	0.22	0.05	0.61	0.023
4	3-1/8	0.22	0.13	0.61	0.023
5	2-1/4	0.34	0.07	0.39	0.015
5	4	0.34	0.22	0.39	0.015
6	2-1/2	0.49	0.09	0.27	0.010
6	5	0.49	0.34	0.27	0.010
6-1/2	2-5/8	0.58	0.10	0.23	0.008
6-1/2	5-1/2	0.58	0.41	0.23	0.008
8	3-1/8	0.87	0.13	0.15	0.005
8	6-1/2	0.87	0.58	0.15	0.005
10	4	1.36	0.22	0.09	0.004
10	7-1/2	1.36	0.77	0.09	0.004
12	4-1/2	1.96	0.28	0.06	0.002
12	7-1/2	1.96	0.77	0.06	0.002
14	8	2.65	0.87	0.06	0.001

Multiply these values by the stroke of the cylinder to obtain the minimum usable oil capacity required for the pump reservoir.

WITH GLOBE VALVE FOR SINGLE ACTING CYLINDER

Model Number	Approximate Dimensions Inches				Reservoir Capacity Quarts		Approximate Dry Weight (Pounds)
	A	B	C	D	Total	Usable	
2HPE 6-GV	12	8	9-3/4	6	7.0	6.3	39
2HPE 12-GV	13-1/2	11-1/4	13	6	14.5	13.0	63
2HPE 18-GV	18-3/4	11-1/4	13	6	18.6	17.2	80
2HPE 30-GV	33-3/4	11-1/4	13	6	34.4	31.8	146

Seal Kit #84145

	First Speed	Second Speed
Max. pressure	300 psi	10,000 psi
Cubic inches pumped per stroke of handle	7.73	0.29
Maximum handle load	70 lbs.	90 lbs.

FAST APPROACH/HIGH PRESSURE— High oil volume at 300 p.s.i. provides a fast approach to the work, then automatically shifts into high pressure (10,000 p.s.i.) for force when it's needed.

FOR SINGLE OR DOUBLE ACTING RAMS— Rodgers 2-speed hand pumps are available with a built-in manually operated 4-way valve for use with double acting cylinders, or a globe valve for use with single acting cylinders.

Each hand pump has an integral relief valve factory preset at 10,000 p.s.i. unless otherwise specified.

WITH 4-WAY VALVE FOR DOUBLE ACTING CYLINDER

Model Number	Approximate Dimensions Inches				Reservoir Capacity Quarts		Approximate Dry Weight (Pounds)
	A	B	C	D	Total	Usable	
2HPE 6-4V	12	8	9-3/4	6	7.0	6.3	39
2HPE 12-4V	13-1/2	11-1/4	13	6	14.5	13.0	63
2HPE 18-4V	18-3/4	11-1/4	13	6	18.6	17.2	80
2HPE 30-4V	33-3/4	11-1/4	13	6	34.4	31.8	146

Seal Kit #84144