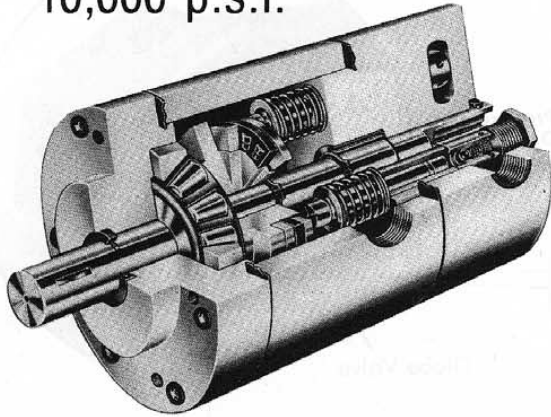




# THE "QUIET ONE" TASK-FORCE PUMPS

## AXIAL PISTON PUMPS, Direct Drive Up To 10,000 p.s.i.



**PERFORMANCE**— Seven pistons give the Rodgers axial pump smooth, balanced flow in either direction. Continuous operation at 10,000 p.s.i. makes them ideal for a wide range of industrial and construction applications.

**EFFICIENCY**— Close tolerances between the highly ground bronze sleeves and heat treated pistons assures maximum efficiency and durability.

**THE "QUIET ONE"** keeps noise pollution at a minimum. Smooth, quiet performance over the entire pressure range is accomplished through the 7-piston design.

**HI/LOW DESIGN**— For maximum efficiency and lowest cost in your hi/low system, Rodgers axial pumps are designed to enable "piggy-back" mounting for your low pressure pump. This eliminates the need for double-ended motors and pillow block mounting.

### SERIES PF120 -- 1.8 G.P.M. — VITON

0-10,000 P.S.I. Continuous

MOTOR R.P.M.	DELIVERY G.P.M.					HORSEPOWER INPUT				
	0 P.S.I.	2,500 P.S.I.	5,000 P.S.I.	7,500 P.S.I.	10,000 P.S.I.	0 P.S.I.	2,500 P.S.I.	5,000 P.S.I.	7,500 P.S.I.	10,000 P.S.I.
1200	1.22	1.19	1.16	1.12	1.09		1.87	3.74	5.61	7.48
1800	1.83	1.78	1.73	1.68	1.64		2.81	5.62	8.42	11.23

### SERIES PF300 -- 4.7 G.P.M. — VITON

0-10,000 P.S.I. Continuous

MOTOR R.P.M.	DELIVERY G.P.M.					HORSEPOWER INPUT				
	0 P.S.I.	2,500 P.S.I.	5,000 P.S.I.	7,500 P.S.I.	10,000 P.S.I.	0 P.S.I.	2,500 P.S.I.	5,000 P.S.I.	7,500 P.S.I.	10,000 P.S.I.
1200	3.17	3.09	3.00	2.92	2.84		4.87	9.74	14.6	19.47
1800	4.76	4.63	4.51	4.38	4.26		7.30	14.6	21.91	29.21

### SERIES PF500 -- 7.4 G.P.M. - VITON

0-6,000 P.S.I. Continuous -- 6,000-10,000 P.S.I. Intermittent

MOTOR R.P.M.	DELIVERY G.P.M.					HORSEPOWER INPUT				
	1,000 P.S.I.	2,000 P.S.I.	3,000 P.S.I.	4,000 P.S.I.	6,000 P.S.I.	1,000 P.S.I.	2,000 P.S.I.	3,000 P.S.I.	4,000 P.S.I.	6,000 P.S.I.
1200	4.91	4.85	4.80	4.75	4.70	3.04	6.09	9.13	12.17	15.21
1800	7.36	7.28	7.20	7.12	7.05	4.56	9.13	13.69	18.26	22.82

**RUGGED CONSTRUCTION**— Rodgers pumps are precision engineered, machined and tested to produce hydraulic power economically and efficiently. Over forty years of proven field experience in 10,000 p.s.i. hydraulics is your assurance of Rodgers "Task-Force" quality.

**LUBRICATION** of bearing and parts is supplied by fluid being pumped. This makes proper filtration a must, and 100 mesh filtration is recommended.

**PUMP SHAFT ROTATION** may be clockwise or counter-clockwise except when an auxiliary pump is attached. Direction of rotation is then deter-

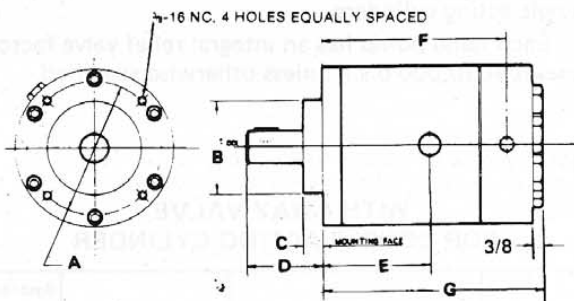
mined by the auxiliary pump.

**DRIVING POWER** to the pump must be applied through axial coupling. Belt or chain drive not permitted.

**INLET AND OUTLET CONNECTIONS** remain as shown regardless of direction of shaft rotation.

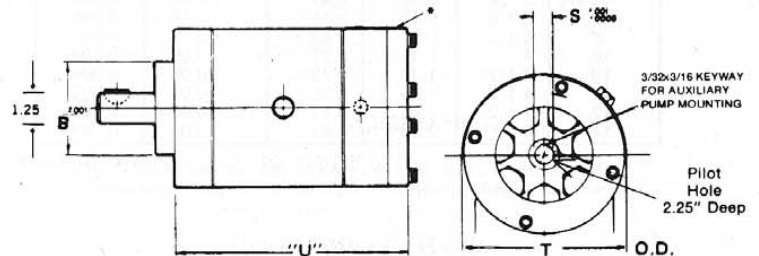
**INLET CONNECTION** may be rotated 180° in relation to the outlet connection from the position shown. The mounting bracket may be changed by removing bracket and relocating in any one of four positions 90° apart.

### PLAIN PUMP (Without Shaft Extension)



PUMP SERIES	PUMP MODEL	A	B	C	D	E	F	G	Weight
PF120	PF120-10-P-0-S-11	5-3/8	3.873	3/4	3	4-9/16	7-7/8	9-3/8	74 lbs.
PF300	PF300-10-P-0-S-11	5-1/2	4.248	7/8	3-1/8	5-3/8	9-3/8	10-31/32	115 lbs.
PF500	PF500-6-P-0-S-11	5-1/2	4.248	7/8	3-1/8	5-3/8	9-3/8	10-31/32	115 lbs.

### PUMPS WITH SHAFT EXTENSION For Use With Auxiliary Pump



PUMP SERIES	PUMP MODEL	S	T	U	Weight
PF120	PF120-10-P-1-S-11	.750	6-1/2	*	74 lbs.
PF300	PF300-10-P-4-S-11	.750	*	*	115 lbs.
PF300	PF300-10-P-5-S-11	1.000	7-3/4	*	115 lbs.
PF500	PF500-6-P-4-S-11	.750	*	*	115 lbs.
PF500	PF500-6-P-5-S-11	1.000	*	*	115 lbs.

For Dim. "U" See Auxiliary Pump Mounting Adapter Chart on Next Page.

The Auxiliary Pump mounting adapter must be ordered separately.