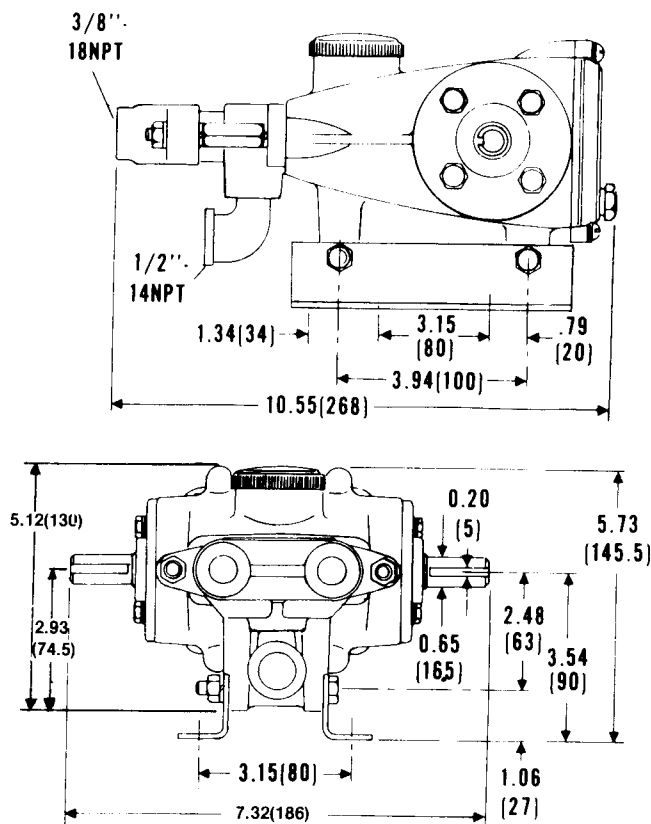


SPECIFICATION SHEET

MODEL 28



STANDARD CONSTRUCTION

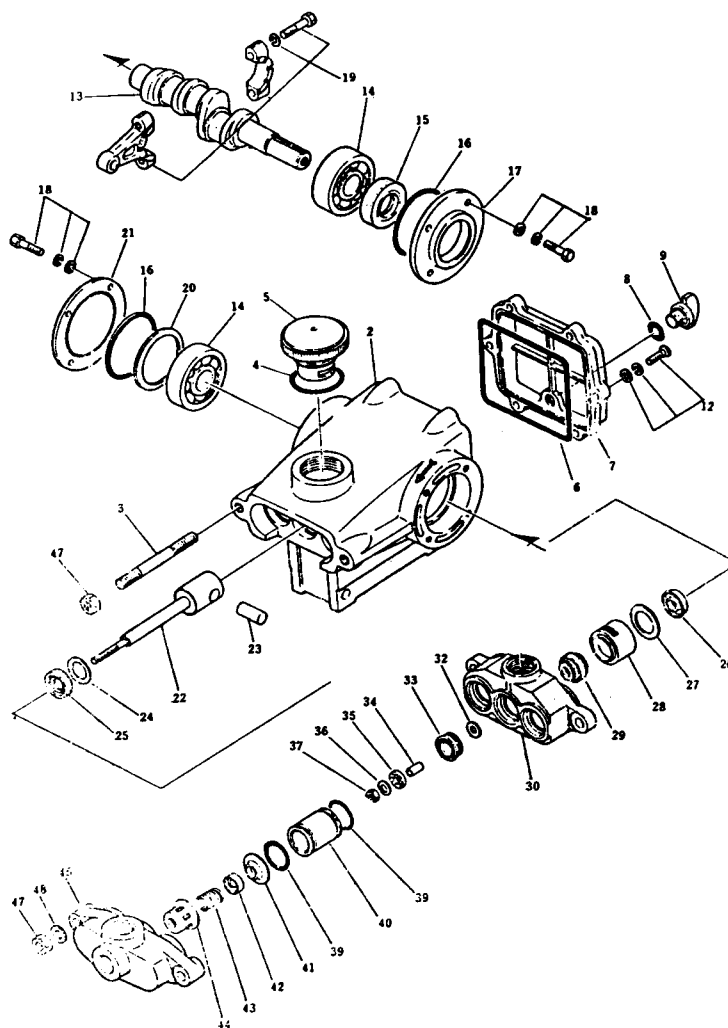
- Unpainted crankcase
- Single-extended crankshaft
- Unchromed cylinder
- Solid piston rod
- One-piece piston assembly
- Unchromed brass manifolds
- Single inlet porting

SPECIFICATIONS

Volume	3 GPM
Discharge Pressure	1000 PSI
Max. Inlet Pressure	40 PSI
RPM	1350 RPM
Bore	0.787"
Stroke	0.360"
Crankcase Capacity	10 oz.
Maximum Fluid Temperature	160°F
Inlet Ports Size	1/2-14 NPT
Discharge Ports Size	(1) 1/2-14 NPT
	(1) 3/8-14 NPT
Shaft Diameter	0.650"
Weight	11.7 lbs.
Dimensions	10.6"x7.3"x5.1"

HORSEPOWER REQUIREMENTS					Pulley Selection Using 5.0" Pump Pulley	
Flow		PRESSURE			RPM	Motor Pulley O.D.
		600 PSI	800 PSI	1000 PSI		
GPM	L/M	41 BAR	55 BAR	69 BAR		
3.0	11	1.3	1.7	2.1	1350	3.9
2.5	10	1.1	1.4	1.7	900	2.6
2.0	8	0.9	1.1	1.4	450	1.3

Pump Model 28



PARTS LIST MODEL 28

ITEM	PART #	DESCRIPTION	QTY.	ITEM	PART #	DESCRIPTION	QTY.
2	43451	Crankcase	1	29	30315	Prrrrrm-A-Lube Seal	3
3	85676	Stud (M8)	2	30	43440	Inlet Manifold	1
4	14177	O-ring, Filler Cap	1	32	27004	Inlet Valve	3
5	43211	Oil Filler Cap	1	33	43441	Piston Assembly	3
6	43452	Cover Seal O-section	1	34	27003	Piston Spacer	3
7	43453	Crankcase Cover	1	35	27002	Piston Retainer	3
8	23170	O-ring, Drain Plug	1	36	27006	Conical Washer (M6)	3
9	29659	Drain Plug	1	37	18956	Hex Nut (M6)	3
12	19200	Sems Screw (M6x20)	6	39	23172	O-ring, Cylinder	6
13	43454	Crankshaft	1	40	28774	Cylinder (Unchromed)	3
14	14487	Bearing	2	41	29487	Discharge Valve Seat	3
15	24159	Oil Seal	2	42	22842	Discharge Valve	3
16	26536	O-ring, Oil Seal Case	2	43	22031	Valve Spring	3
17	27950	Oil Seal Case	1	44	22841	Valve Spring Retainer	3
18	82097	Sems Bolt(M6x14)	8	45	43443	Discharge Manifold	1
19	17556	Connecting Rod	3	47	81109	Nut (M8)	4
20	43437	Washer, Bearing Shim	1	48	15845	Lockwasher (M8)	2
21	43436	Cover, Shaft End	1		26246	Angle Rail	2
22	43455	Piston Rod	3		30901	Hex Cap Screw (5/16)	2
23	16948	Piston Pin	3		30910	Hex Nut (5/16)	2
24	20017	Seal Washer	3		30920	Split Lock Washer	2
25	25461	Oil Seal	3			(5/16 US Med.)	
26	26853	Barrier Slinger	3		30032	5" Pulley w/set screw	1
27	26854	Washer	3		30047	Key (M5)	1
28	28597	Seal Retainer	3				

30612
Angle Rail
Assembly

30246
Pulley
Assembly