



- Heavy Duty Brass Manifold
- Solid Ceramic Plungers
- Stainless Steel Plunger Rods and Check Valves
- Replaceable PTFE Coated Body Guides
- Heavy Duty Bronze Connecting Rods with Guide Pins for Perfect Cap Alignment.
- Heavy Duty Flat Base High Pressure Seals
- Dual Roller Bearings
- 118 oz. Oil Capacity
- 1" BSP-F Inlet. 1/2" BSP-F Outlet
- Max Fluid Temp, 160°F

PENTA Series Plunger Pumps

PENTA Series industrial duty plunger pumps are rated at 6.6 to 18.8 GPM and pressures up to 5800 PSI.

Pumps are available in 1000, 1450 or 1750 RPM models with a 35mm solid, keyed shaft.

Applications include general pressure washing, sewer jetting and oil field equipment.

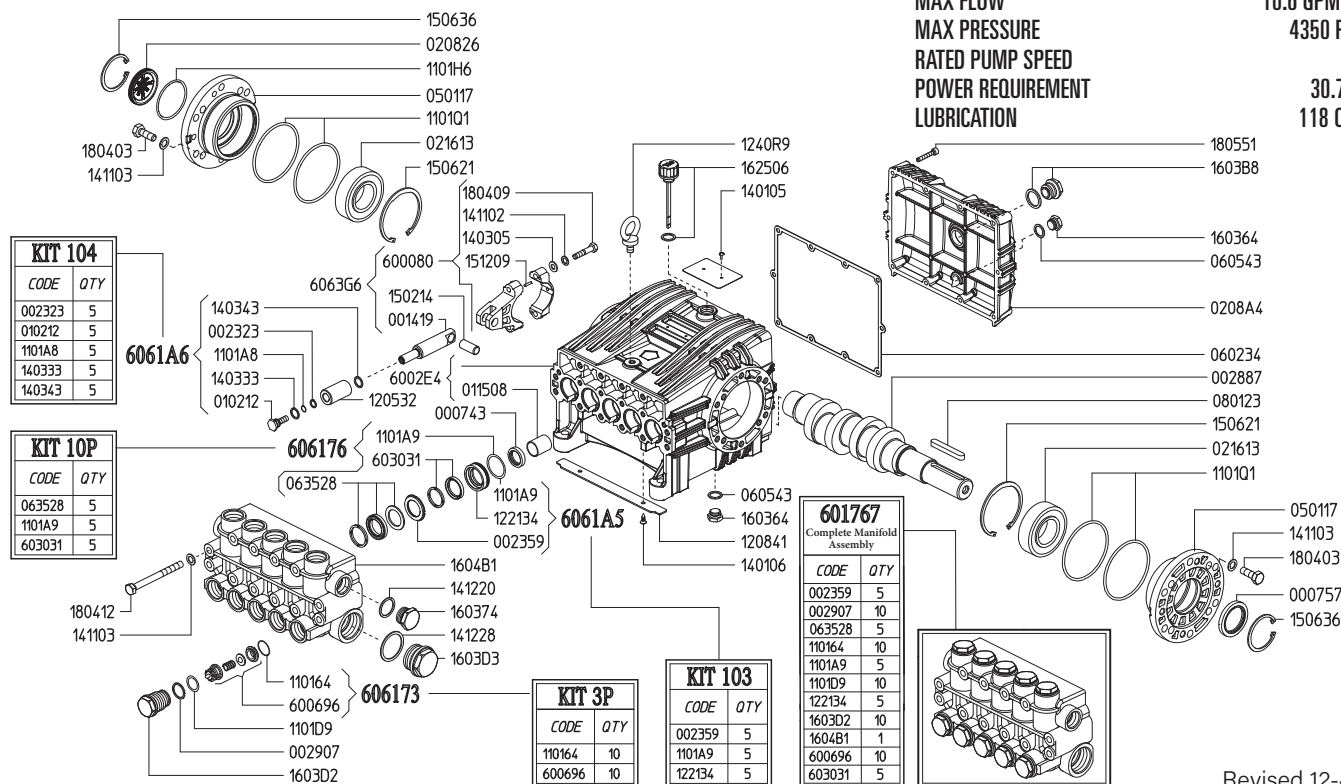
	Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
		GPM	l/min	PSI	bar		Stroke	Code				
1000 RPM	PENTA-B 25/400 R	6.6	25.0	5800	400	20mm	17.0mm	X	25.6 EBHP	6061.81	6061.79	97 lbs
	PENTA-B 30/300 R	7.9	30.0	4350	300	22mm	17.0mm	X	23.1 EBHP	6061.76	6061.73	97 lbs
	PENTA-B 40/300 R	10.6	40.0	4350	300	22mm	22.0mm	1	30.7 EBHP	6061.76	6061.73	97 lbs
	PENTA-B 50/200 R	12.9	49.0	2900	200	28mm	17.0mm	X	25.1 EBHP	6061.69	6061.73	97 lbs
1450 RPM	PENTA-C 35/400 R	9.2	35.0	5800	400	20mm	17.0mm	X	35.9 EBHP	6061.81	6061.79	97 lbs
	PENTA-C 43/300 R	11.4	43.0	4350	300	22mm	17.0mm	X	33.1 EBHP	6061.76	6061.73	97 lbs
	PENTA-C 58/300 R	15.3	58.0	4350	300	22mm	22.0mm	1	44.6 EBHP	6061.76	6061.73	97 lbs
	PENTA-C 70/200 R	18.8	71.0	2900	200	28mm	17.0mm	X	36.4 EBHP	6061.69	6061.73	97 lbs
1750 RPM	PENTA-D 18.0/40 R	18.2	70.0	4060	280	25mm	17.0mm	X	50.0 EBHP	6061.75	6061.73	97 lbs

NOTE: All pump models available with left-hand drive option. Substitute 'L' for 'R' in model number when ordering (ex. PENTA-C 43/300 L)



MAX FLOW
MAX PRESSURE
RATED PUMP SPEED
POWER REQUIREMENT
LUBRICATION

10.6 GPM / 40.0 L/MIN
4350 PSI / 300 BAR
1000 RPM
30.7 HP ELECTRIC
118 OZ UDOR LUBE



Revised 12-4-2023

Part #	Description	Qty	Part #	Description	Qty
0007.43	OIL SEAL D22	5	1403.33	WASHER D13.4 ^D	5
0007.57	OIL SEAL D40	1	1403.43	WASHER D13.2 ^D	5
0014.19	PLUNGER GUIDE D22/25/28	5	1411.02	SERATED WASHER D8	10
0023.23	RING D10.4 ^D	5	1411.03	SERATED WASHER D10	24
0023.59	UPPER RING D22 ^{C E}	5	1502.14	PIN D14X32	5
0028.87	MALE SHAFT D35	1	1506.21	SNAP RING D80	2
0029.07	PLUG RING ^E	10	1506.36	SNAP RING D55	2
0102.12	PLUNGER BOLT ^D	5	1512.09	PIN D5X20	10
0115.08	BUSHING D22	5	1603.64	PLUG G3/8	2
0208.26	OIL SIGHT GLASS	1	1603.B8	OIL PLUG G3/4 + GASKET	1
0208.A4	BACK COVER	1	1603.D2	VALVE PLUG ^E	10
0216.13	BEARING D40	2	1604.B1	HEAD PISTON D22/25 ^E	1
0501.17	BEARING HOLLOW FLANGE	2	1625.06	OIL PLUG G1/2	1
0602.34	BACK COVER GASKET	1	1804.03	HEX BOLT M10X30	12
0605.43	GASKET D17	2	1804.09	HEX BOLT M8X40	10
0635.28	HIGH PRESSURE SEAL KIT D22 ^{B E}	5	1804.12	HEX BOLT M10X110	12
0801.23	KEY A10X8X70	1	1805.51	ALLEN BOLT M6X40	10
1101.64	O-RING - VALVE ^{A E}	10	6000.80	ROD ASSEMBLY BRONZE	5
1101.A8	O-RING - PLUNGER PUMP ^D	5	6002.E4	CRANKCASE ASSEMBLY	1
1101.A9	O-RING - PRESSURE RING ^{B C E}	5	6006.96	VALVE ASSEMBLY W/O O-RING ^{A E}	10
1101.D9	O-RING - VALVE CAP ^E	10	6017.67	COMPLETE MANIFOLD ASSEMBLY	1
1101.H6	O-RING - OIL SIGHT GLASS	1	6030.31	LOW PRESSURE SEAL KIT D22 ^{B E}	5
1101.Q1	O-RING - BEARING FLANGE	4	6061.73	VALVE KIT (KIT 3P)	1
1205.32	CERAMIC PLUNGER D22	5	6061.76	WATER SEAL KIT D22 (KIT 10P)	1
1208.41	PLATE	1	6061.A5	BRASS RING KIT D22 (KIT 103)	1
1221.34	PRESSURE RING D22 ^{C E}	5	6061.A6	PLUNGER KIT D22 (KIT 104)	1
1240.R9	LIFTING HOOK M10	1			
1401.05	RIVET 3.5X8	2			
1401.06	RIVET D4X10	2			
1403.05	WASHER D8.4	10			

^A Parts in 6061.73 (Kit 3P).

^B Parts in 6061.76 (Kit 10P).

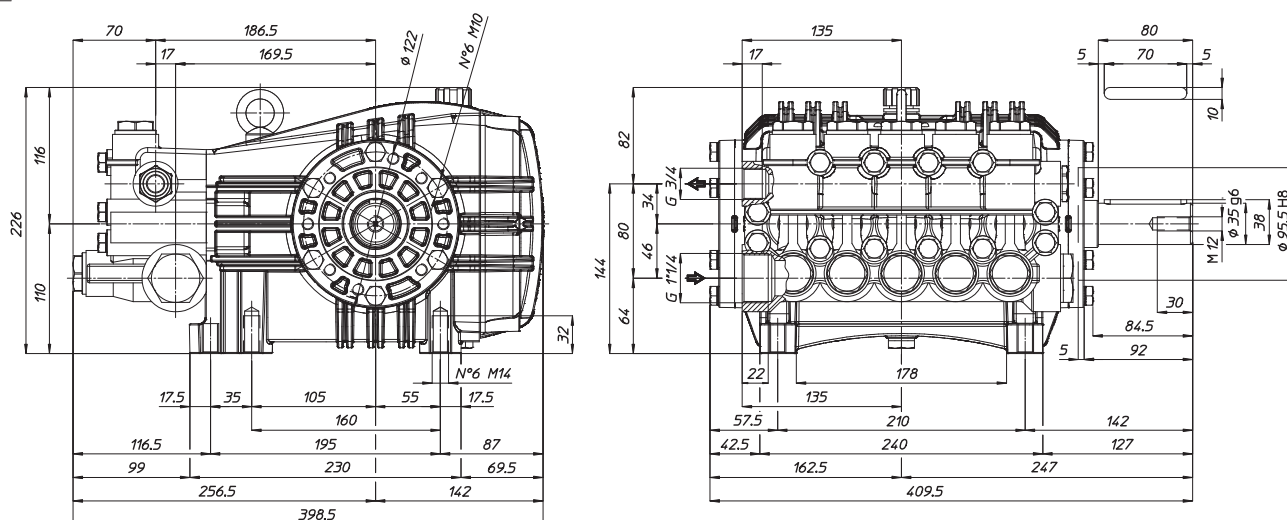
^C Parts in 6061.A5 (Kit 103).

^D Parts in 6061.A6 (Kit 104).

^E Parts in 6017.67 (Complete Manifold Assembly).

**Dimensional Drawings are
Shown in Millimeters.
To Convert to Inches,
Multiply Dimension x 0.03937**

**PENTA-B 30/300 R, PENTA-B 40/300 R, PENTA-B 50/200 R
PENTA-C 43/300 R, PENTA-C 58/300 R, PENTA-C 70/200 R,
PENTA-D 70/280 R**



TORQUE SPECS

Ref.	Description	Ft./lb.	Nm	Loctite®
1	Head Bolts	37	50	-
2	Valve Caps	133	180	243
3	Inlet Cap	147	200	-
4	Outlet Cap	103	140	243
5	Bearing Flange Bolts	37	50	-
6	Rear Cover Bolts	8	11	-
7	Connecting Rod Bolts	22	30	270
8	Plunger Bolts	15	20	270
9	Valve Cover Bolts	-	-	-
10	Oil Drain Plug	8	11	-

