

- Brass Manifold
- Heat Treated Crankshaft
- Stainless Steel Piston Guides
- High Strength Aluminum Alloy or Bronze Connecting Rods
- Industrial Quality Ball Bearings and Needle Bearings
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Heavy Duty Flat Base High Pressure Seals
- Dual Oil Sight Gauges
- 10.25 oz. Capacity Vented Oil Bath Crank Case
- 3/8" BSP-F Inlet. 3/8" BSP-F Outlet
- Max Fluid Temp, 160°F

### PND Series 24mm Keyed Solid Shaft Plunger Pumps

PND Series standard duty plunger pumps include a wide range of models with flow rates from 2.0 to 4.0 GPM and pressures up to 2030 PSI.

Other drive options include gas engine flange, electric motor flange, gas engine gear reduction and hydraulic motor flange.

Applications include general pressure cleaning, sewer jetting, vehicle wash equipment and fire fighting applications.

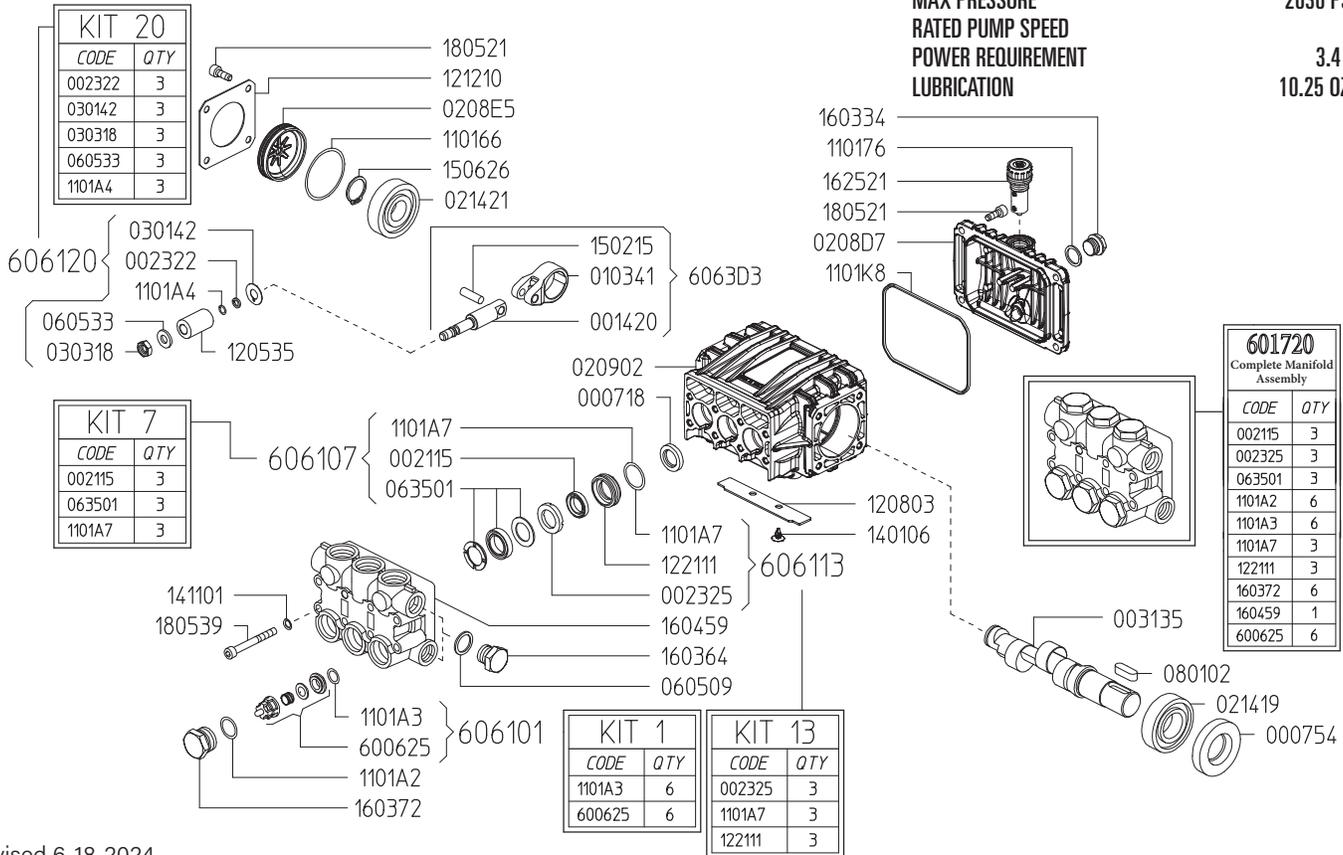
	Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
		GPM	l/min	PSI	bar		Stroke	Code				
<b>1750 RPM</b>	PND 2.0/20 S	2.0	7.6	2030	140	15mm	9.4mm	U	2.7 EBHP	6061.07	6061.01	12 lbs
	PND 2.5/20 S	2.5	9.5	2030	140	15mm	10.5mm	O	3.4 EBHP	6061.07	6061.01	12 lbs
	PND 3.0/20 S	3.0	11.4	2030	140	15mm	12.5mm	S	4.1 EBHP	6061.07	6061.01	12 lbs
	PND 3.5/20 S	3.5	13.2	2030	140	18mm	10.5mm	O	4.7 EBHP	6061.08	6061.01	12 lbs
	PND 4.0/20 S	4.0	15	2030	140	18mm	12.5mm	S	5.4 EBHP	6061.08	6061.01	12 lbs

*NOTE: All pump models available with left-hand drive option. Add 'L' to model number when ordering (ex. PND 2.0/20 SL)*



MAX FLOW  
MAX PRESSURE  
RATED PUMP SPEED  
POWER REQUIREMENT  
LUBRICATION

2.5 GPM / 9.5 L/MIN  
2030 PSI / 140 BAR  
1750 RPM  
3.4 HP ELECTRIC  
10.25 OZ UDOR LUBE



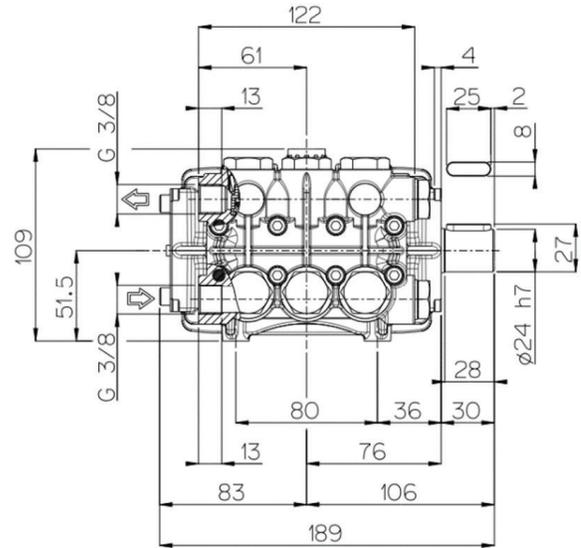
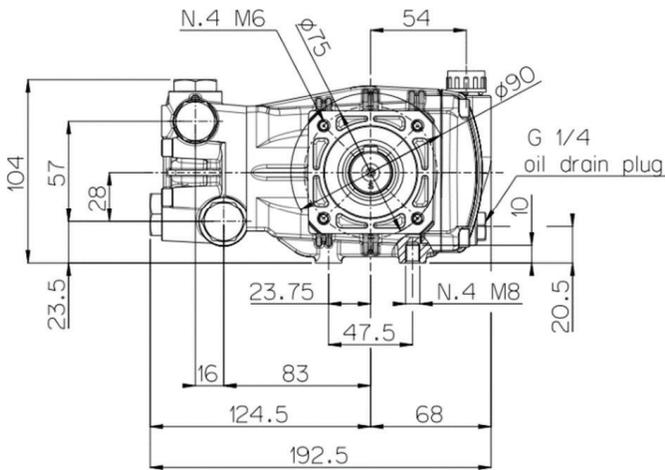
Revised 6-18-2024

Part #	Description	Qty	Part #	Description	Qty
0007.18	OIL SEAL D15X24X5	3	1205.35	CERAMIC PLUNGER D15X30 "PN"	3
0007.54	OIL SEAL D25X52X10	1	1208.03	COVER - PN 2024	1
0014.20	PLUNGER GUIDE D15/18 "PN"	3	1212.10	SIGHT GLASS RETAINER "PN"	1
0021.15	WATER SEAL LP. D15 <sup>B E</sup>	3	1221.11	LOW PRESS. SEAL RETAINER D15 <sup>C E</sup>	3
0023.22	RING D6.3X9X1.3 2021 "PN/C/G" <sup>C E</sup>	3	1401.06	RIVET D4X10	2
0023.25	INTERMEDIATE RING D15 "PN"	3	1411.01	SERRATED WASHER D6	12
0031.35	MALE SHAFT "PN" D24	1	1502.15	PIN D7X25.5	3
0103.41	CONNECTING ROD "PN/PS"	3	1506.26	SNAP RING D20	1
0208.D7	BACK COVER "PN" 2024	1	1603.34	PLUG G1/4	1
0208.E5	COVER "PN" 2024	1	1603.64	PLUG G3/8	2
0209.02	CRANKCASE 2024	1	1603.72	VALVE PLUG "PN" PISTON D15/18 <sup>A E</sup>	6
0214.19	BALL BEARING D25X52X15 6205 QL	1	1604.59	HEAD "PN" PISTON D15/18	1
0214.21	BALL BEARING D20X52X15	1	1625.21	OIL PLUG G3/8 "PN"	1
0301.42	SLINGER RING <sup>D</sup>	3	1805.21	ALLEN BOLT M6X22	8
0303.18	NUT M8XH5 <sup>D</sup>	3	1805.39	ALLEN BOLT M6X60	8
0605.09	GASKET D17X23X1.5 (G3/8)	2	6006.25	VALVE ASSEMBLY W/O O-RING <sup>A E</sup>	6
0605.33	GASKET D8X14X2 <sup>D</sup>	3	6017.20	COMPLETE MANIFOLD ASSEMBLY	1
0635.01	HIGH PRESS. SEAL ASSY D15 <sup>B E</sup>	3	6061.01	KIT 1 - VALVE KIT "PN/PW"	1
0801.02	KEY A8X7X25	1	6061.07	KIT 7 - WATER SEAL KIT D15 "PN/PK"	1
1101.66	O-RING - BEARING COVER	1	6061.13	KIT 13 - BRASS RING KIT D15 "PN"	1
1101.76	O-RING - OIL PLUG	1	6061.20	Kit 20 - PLUNGER KIT D15/18 "PN"	1
1101.A2	O-RING - VALVE CAP <sup>E</sup>	6			
1101.A3	O-RING - VALVE <sup>A E</sup>	6			
1101.A4	O-RING - PLUNGER <sup>D</sup>	3			
1101.A7	O-RING - LP SEAL RETAINER <sup>B C E</sup>	3			
1101.K8	O-RING - BACK COVER	1			

<sup>A</sup> Parts in 6061.01 (Kit 1).  
<sup>B</sup> Parts in 6061.07 (Kit 7).  
<sup>C</sup> Parts in 6061.13 (Kit 13).  
<sup>D</sup> Parts in 6061.20 (Kit 20).  
<sup>E</sup> Parts in 6017.20 (Complete Manifold Assembly).

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

## PN SERIES PUMPS - 24MM SOLID SHAFT



## TORQUE SPECS

Ref.	Description	Ft./lb.	Nm	Loctite®
1	Head Bolts	8	11	-
2	Valve Caps	75	100	243
3	Inlet Cap	60	80	-
4	Outlet Cap	60	80	243
5	Bearing Flange Bolts	8	11	-
6	Rear Cover Bolts	8	11	-
7	Connecting Rod Bolts	-	-	-
8	Plunger Bolts	11	15	270
9	Valve Cover Bolts	-	-	-
10	Oil Drain Plug	6	8	-

