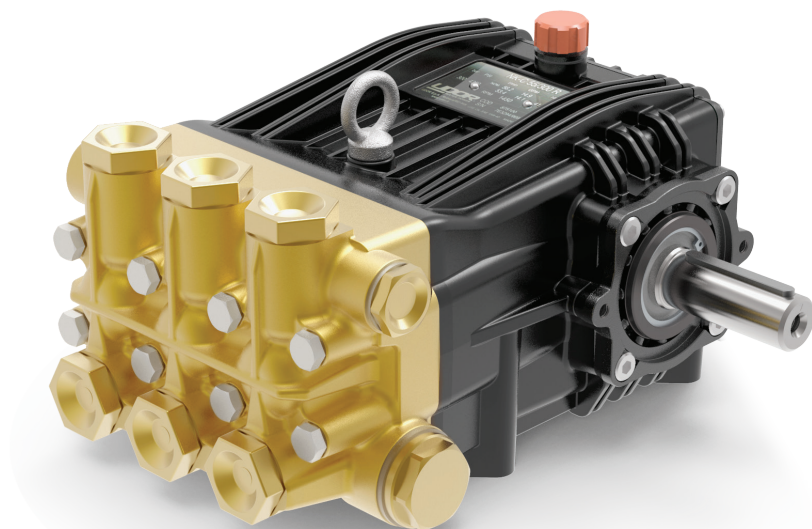




- Brass Manifold
- Solid Ceramic Plungers
- Stainless Steel Plunger Guides and Check Valves
- Bronze Connecting Rods
- Heavy Duty Flat Base High Pressure Seals
- 57.6 oz. Capacity Vented Oil Bath Crank Case
- Max Fluid Temp, 160°F

NKD Series 30mm Keyed Solid Shaft Plunger Pumps

NKD Series super duty plunger pumps include a wide range of models with flow rates from 11.0 to 26.4 GPM and pressures up to 5075 PSI.

Other drive options include a hydraulic motor flange

Applications include general pressure cleaning,, construction, hydro-excavation UHP fire fighting, mining and street cleaning.

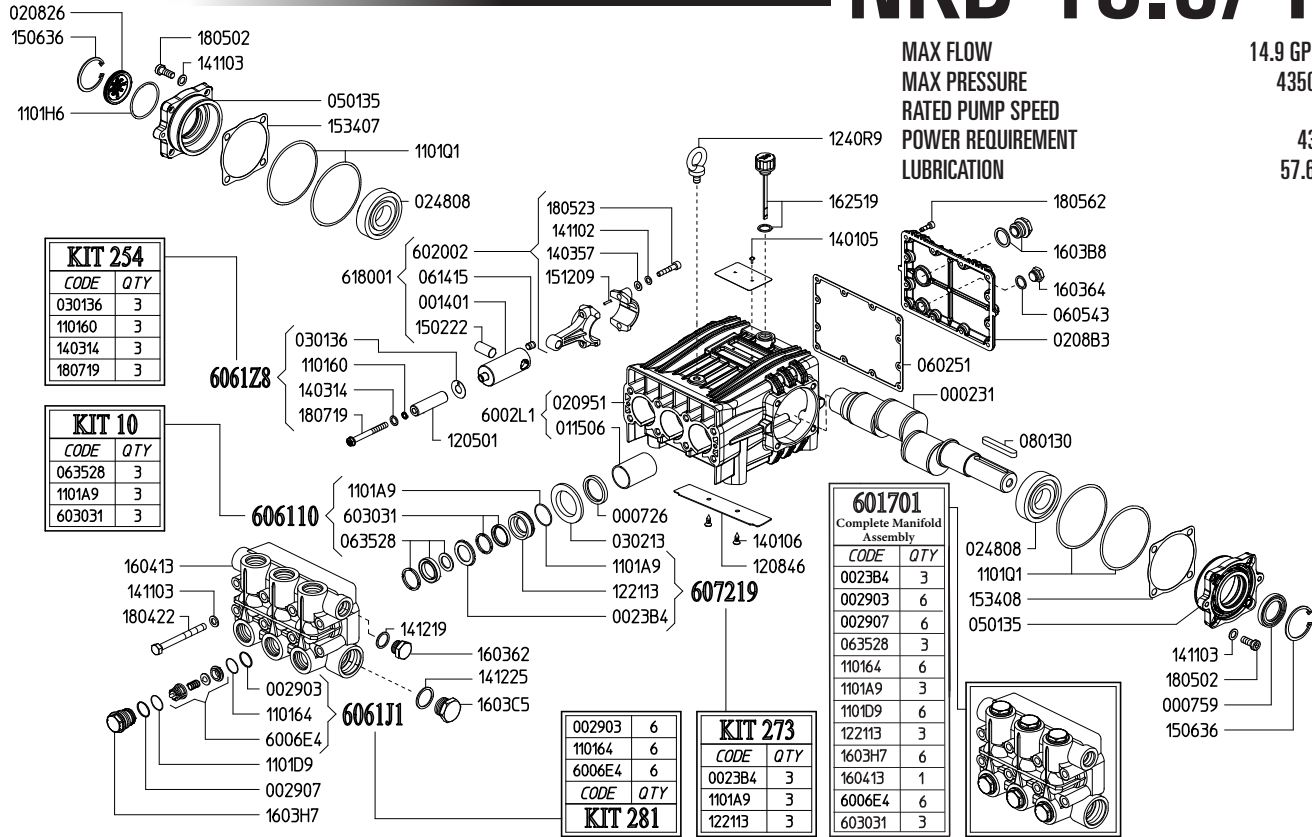
		Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
			GPM	l/min	PSI	bar		Stroke	Code				
1750 RPM	A	NKD 11.0/51 R	11.0	41.5	5075	350	22mm	22.0mm	3	37.2 EBHP	6061.10	6061.J1	67 lbs
	A	NKD 15.0/44 R	14.9	56.6	4350	300	22mm	30.0mm	F	43.5 EBHP	6061.10	6061.J1	67 lbs
	B	NKD 24.0/25 R	23.8	90.2	2465	170	28mm	30.0mm	F	39.3 EBHP	6061.12	6061.M6	67 lbs
	B	NKD 27.0/25 R	26.4	100.0	2465	170	28mm	34.0mm	7	43.6 EBHP	6061.12	6061.M6	67 lbs

NOTE: All pump models available with left-hand drive option. Substitute 'L' for "R" in model number when ordering (ex. NKD 24.0/25 L)



MAX FLOW
MAX PRESSURE
RATED PUMP SPEED
POWER REQUIREMENT
LUBRICATION

14.9 GPM / 56.6 L/MIN
4350 PSI / 300 BAR
1750 RPM
43.5 HP ELECTRIC
57.6 OZ UDOR LUBE



Revised 2-23-2022

Part #	Description	Qty	Part #	Description	Qty
0002.31	CRANKSHAFT 30MM	1	1411.03	WASHER	16
0007.26	OIL SEAL D35	3	1412.19	BONDED WASHER D21.5	1
0007.59	OIL SEAL	1	1412.25	BONDED WASHER D33.9 (G1")	1
0014.01	PLUNGER GUIDE	3	1502.22	PIN	3
0023.B4	UPPER RING D22 ^{D E}	3	1506.36	SNAP RING	2
0029.03	BACK UP RING ^{C E}	6	1512.09	PIN D5X20	6
0029.07	RING - VALVE PLUG ^E	6	1534.07	GASKET - BEARING FLANGE	1
0115.06	BUSHING D35	3	1534.08	SPACER / GASKET	1
0208.26	OIL SIGHT GLASS	1	1603.62	PLUG G1/2"	1
0208.B3	BACK COVER	1	1603.64	PLUG 3/8"	1
0209.51	CRANKCASE	1	1603.B8	OIL SIGHT GLASS W/GASKET	1
0248.08	BALL BEARING	2	1603.C5	PLUG G1"	1
0301.36	SLINGER RING ^A	3	1603.H7	VALVE PLUG D22/25 ^E	6
0302.13	SPACER	3	1604.13	HEAD D22 ^E	1
0501.35	BEARING FLANGE	2	1625.19	OIL CAP W/GASKET	1
0602.51	GASKET - PUMP BODY	1	1804.22	HEX BOLT	8
0605.43	GASKET - D17	1	1805.02	ALLEN BOLT	8
0614.15	SET SCREW	3	1805.23	ALLEN BOLT M8X40	6
0635.28	HIGH PRESSURE SEAL KIT D22 ^{B E}	3	1805.62	ALLEN BOLT M6X20	12
0801.30	KEY	1	1807.19	PLUNGER BOLT ^A	3
1101.60	O-RING - PLUNGER BOLT ^A	3	6002.L1	CRANKCASE ASSEMBLY	1
1101.64	O-RING - VALVE ^{C E}	6	6006.E4	VALVE ASS'Y W/O O-RING ^{C E}	6
1101.A9	O-RING - PRESSURE RING ^{B D E}	3	6017.01	COMPLETE MANFOLD ASSEMBLY NK D22	1
1101.D9	O-RING - VALVE PLUG ^E	6	6020.02	CONNECTING ROD	3
1101.H6	O-RING - OIL SIGHT GLASS	1	6030.31	LOW PRESSURE SEAL KIT D22 ^{B E}	3
1101.Q1	O-RING - BEARING FLANGE	4	6180.01	CONNECTING ROD ASS'Y COMPLETE	3
1205.01	CERAMIC PLUNGER D22	3	6061.10	WATER SEAL KIT (KIT 10)	1
1208.46	PLATE	1	6061.J1	VALVE KIT (KIT 281)	1
1221.13	PRESSURE RING D22 ^{D E}	3	6061.Z8	PLUNGER BOLT KIT (KIT 254)	1
1240.R9	LIFTING HOOK M10	1	6072.19	BRASS RING KIT D22 (KIT 273)	1
1401.05	RIVET 3.5X8	2			
1401.06	RIVET D4X10	2			
1403.14	WASHER - PLUNGER BOLT ^A	3			
1403.57	WASHER M8	6			
1411.02	SERRATED WASHER D8	6			

^A Parts in 6061.Z8 (Kit 254).

^B Parts in 6061.10 (Kit 10).

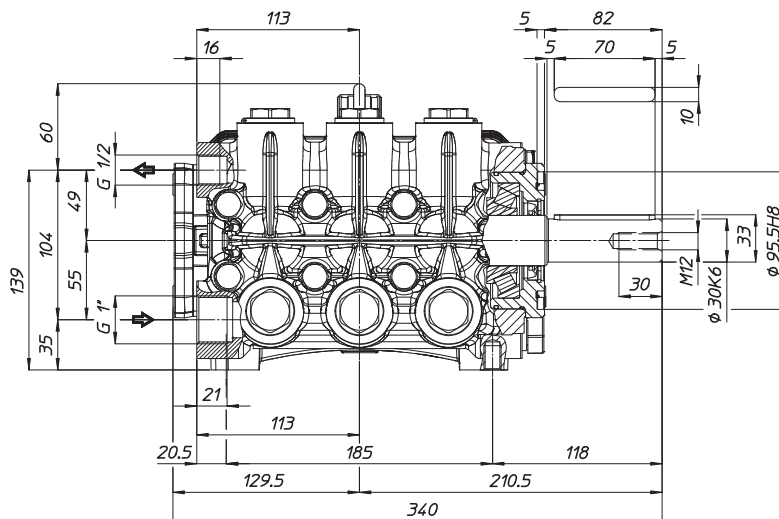
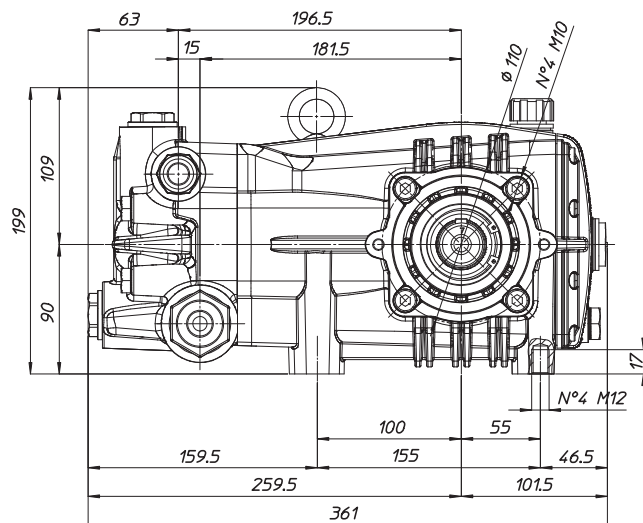
^C Parts in 6061.J1 (Kit 281).

^D Parts in 6072.19 (Kit 273).

^E Parts in 6017.01 (Complete Manifold Assembly).

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

NK SERIES PUMPS 22mm & 25mm Plungers



TORQUE SPECS

Ref.	Description	Ft./lb.	Nm	Loctite®
1	Head Bolts	37	50	-
2	Valve Caps	88	120	243
3	Inlet Cap	133	180	-
4	Outlet Cap	88	120	243
5	Bearing Flange Bolts	37	50	-
6	Rear Cover Bolts	8	11	-
7	Connecting Rod Bolts	19	25	243
8	Plunger Bolts	22	30	270
9	Valve Cover Bolts	-	-	-
10	Oil Drain Plug	8	11	-

