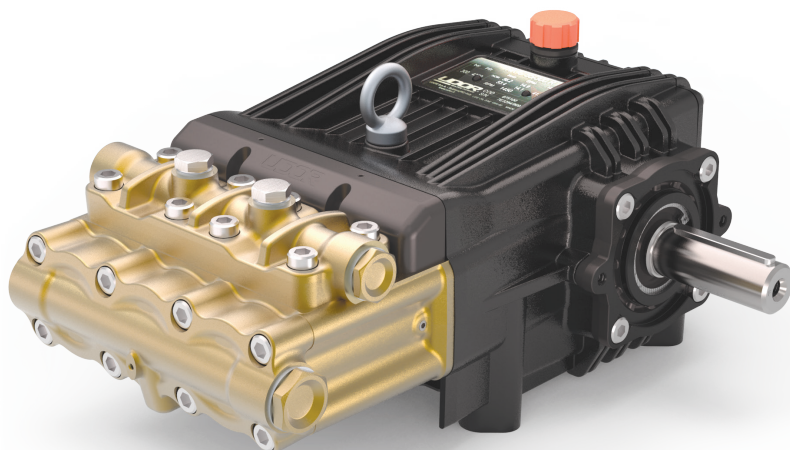




- Brass Manifold
- Solid Ceramic Plungers
- Stainless Steel Plunger Guides and Check Valves
- Bronze Connecting Rods
- Heavy Duty Flat Base High Pressure Seals
- 57.6 oz. Capacity Vented Oil Bath Crank Case
- Max Fluid Temp, 160°F

NKD 500 Series 30mm Solid Shaft Plunger Pumps

NKD 500 Series industrial duty plunger pumps include a wide range of models with flow rates from 7.0 to 8.4 GPM and pressures up to 7250 PSI.

Pumps are available with a 30mm solid, keyed shaft

Applications include general pressure cleaning,, construction and mining

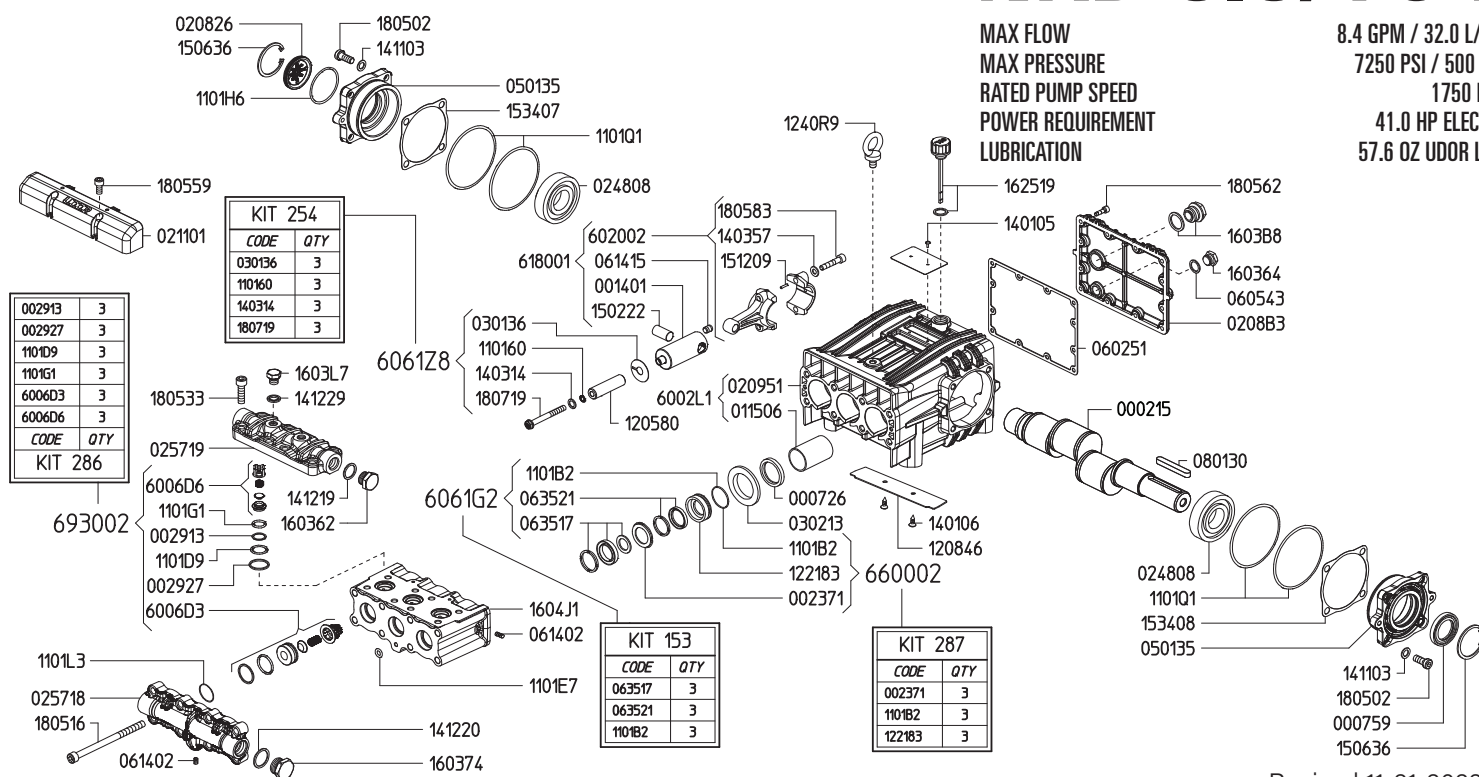
	Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
		GPM	l/min	PSI	bar		Stroke	Code				
1750 RPM	NKD 7.0/75 R	7.0	26.3	7250	500	25mm	22.0mm	3	33.8 EBHP	6061.G2	6930.02	67 lbs
	NKD 8.0/75 R	8.4	32.0	7250	500	25mm	27.0mm	B	41.0 EBHP	6061.G2	6930.02	67 lbs

NOTE: All pump models available with left-hand drive option. Substitute 'L' for "R" in model number when ordering (ex. NKD 7.0/75 L)



MAX FLOW
MAX PRESSURE
RATED PUMP SPEED
POWER REQUIREMENT
LUBRICATION

8.4 GPM / 32.0 L/MIN
7250 PSI / 500 BAR
1750 RPM
41.0 HP ELECTRIC
57.6 OZ UDOR LUBE



Revised 11-21-2023

Part #	Description	Qty
0002.15	CRANKSHAFT 30MM	1
0007.26	OIL SEAL D35	3
0007.59	OIL SEAL D35X55X7	1
0014.01	PLUNGER GUIDE	3
0023.71	UPPER RING D18 ^C	3
0029.13	RING, VALVE ^D	3
0029.27	RING D27 ^D	3
0115.06	BUSHING D35	3
0208.26	OIL SIGHT GLASS	1
0208.B3	BACK COVER	1
0209.51	CRANKCASE	1
0211.01	COVER	1
0248.08	BALL BEARING	2
0257.18	INLET VALVE COVER	1
0257.19	DISCHARGE VALVE COVER	1
0301.36	SLINGER RING ^B	3
0302.13	SPACER	3
0501.35	BEARING FLANGE	2
0602.51	GASKET - PUMP BODY	1
0605.43	GASKET - D17	1
0614.02	SET SCREW	3
0614.15	SET SCREW	3
0635.17	HIGH PRESS. SEAL KIT D18 ^A	3
0635.21	LOW PRESS. SEAL KIT D18 ^A	3
0801.30	KEY	1
1101.60	O-RING - PLUNGER BOLT ^B	3
1101.B2	O-RING ^{A,C}	3
1101.D9	O-RING - VALVE ^D	3
1101.E7	O-RING	1
1101.G1	O-RING - VALVE ^D	3
1101.H6	O-RING, OIL SIGHT GLASS	1
1101.L3	O-RING	3
1101.Q1	O-RING, BEARING FLANGE	4
1205.80	CERAMIC PLUNGER D25	3
1208.46	PLATE	1
1221.83	PRESSURE RING D18 ^C	3
1240.R9	LIFTING HOOK M10	1
1401.05	RIVET 3.5X8	2
1401.06	RIVET D4X10	2

Part #	Description	Qty
1403.14	WASHER - PLUNGER BOLT ^B	3
1403.57	WASHER M8	6
1411.03	WASHER	8
1412.19	BONDED WASHER	1
1412.20	BONDED WASHER D27.05 (G3/4")	1
1412.29	BONDED WASHER	2
1502.22	PIN	3
1506.36	SNAP RING	2
1512.09	PIN	3
1534.07	GASKET - BEARING FLANGE	1
1534.08	SPACER / GASKET	1
1603.62	PLUG	1
1603.64	PLUG 3/8"	1
1603.74	PLUG G3/4"	1
1603.B8	OIL SIGHT GLASS W/GASKET	1
1603.L7	PLUG	2
1604.J1	HEAD	1
1625.19	OIL CAP W/GASKET	1
1805.02	ALLEN BOLT M10X25	8
1805.16	ALLEN BOLT M10X150	8
1805.33	ALLEN BOLT M10X35	8
1805.59	ALLEN BOLT M4X10	2
1805.62	ALLEN BOLT M6X20	12
1805.83	ALLEN BOLT M8X40	6
1807.19	PLUNGER BOLT ^B	3
6002.L1	PUMP BODY ASSEMBLY	1
6006.D3	VALVE ASSEMBLY W/O O-RING, INLET ^D	3
6006.D6	VALVE ASSEMBLY W/O O-RING, OUTLET ^D	3
6020.02	CONNECTING ROD	3
6180.01	CONNECTING ROD ASS'Y COMPLETE	3
6061.G2	WATER SEAL KIT (KIT 153)	1
6061.Z8	PLUNGER BOLT KIT (KIT 254)	1
6600.02	BRASS RING KIT (KIT 287)	1
6930.02	VALVE KIT(KIT 286)	1

^A Parts in 6061G2 (Kit 153).

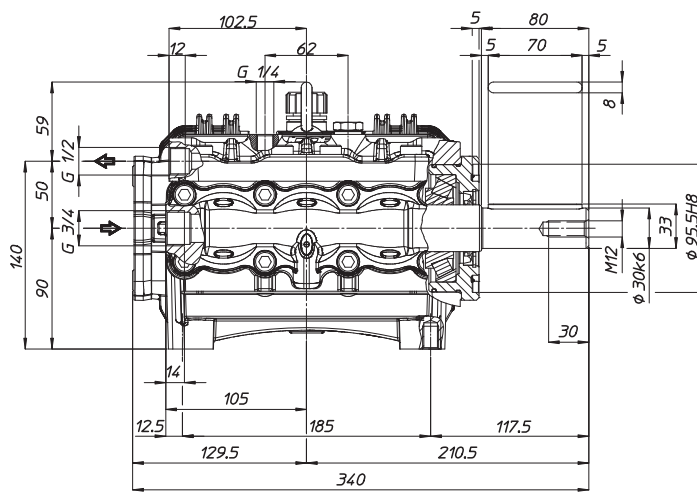
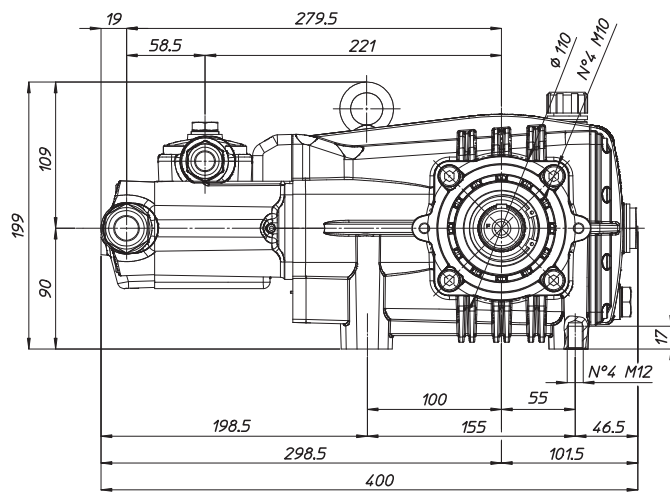
^B Parts in 6061.Z8 (Kit 254).

^C Parts in 6600.02 (Kit 287).

^D Parts in 6930.02 (Kit 286).

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

NK 500 SERIES PUMPS



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	-

