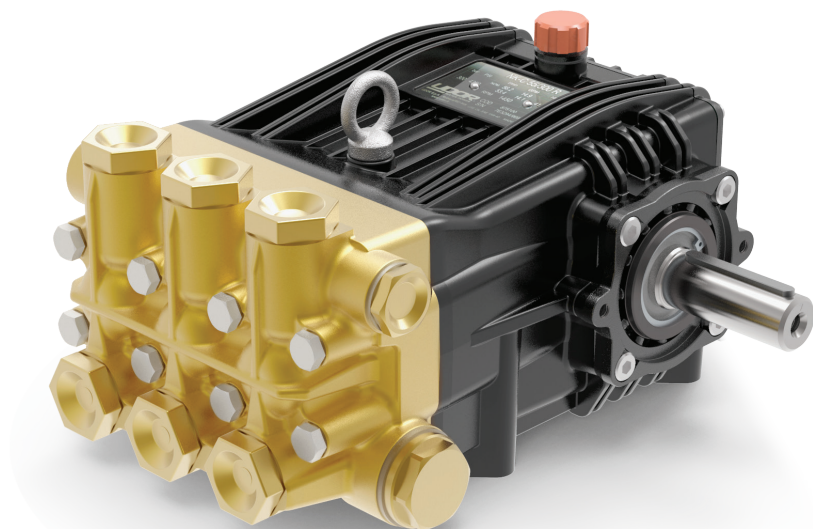




- Brass Manifold
- Solid Ceramic Plungers
- Stainless Steel Plunger Guides and Check Valves
- Bronze Connecting Rods
- Heavy Duty Flat Base High Pressure Seals
- 57.6 oz. Capacity Vented Oil Bath Crank Case
- Max Fluid Temp, 160°F

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.

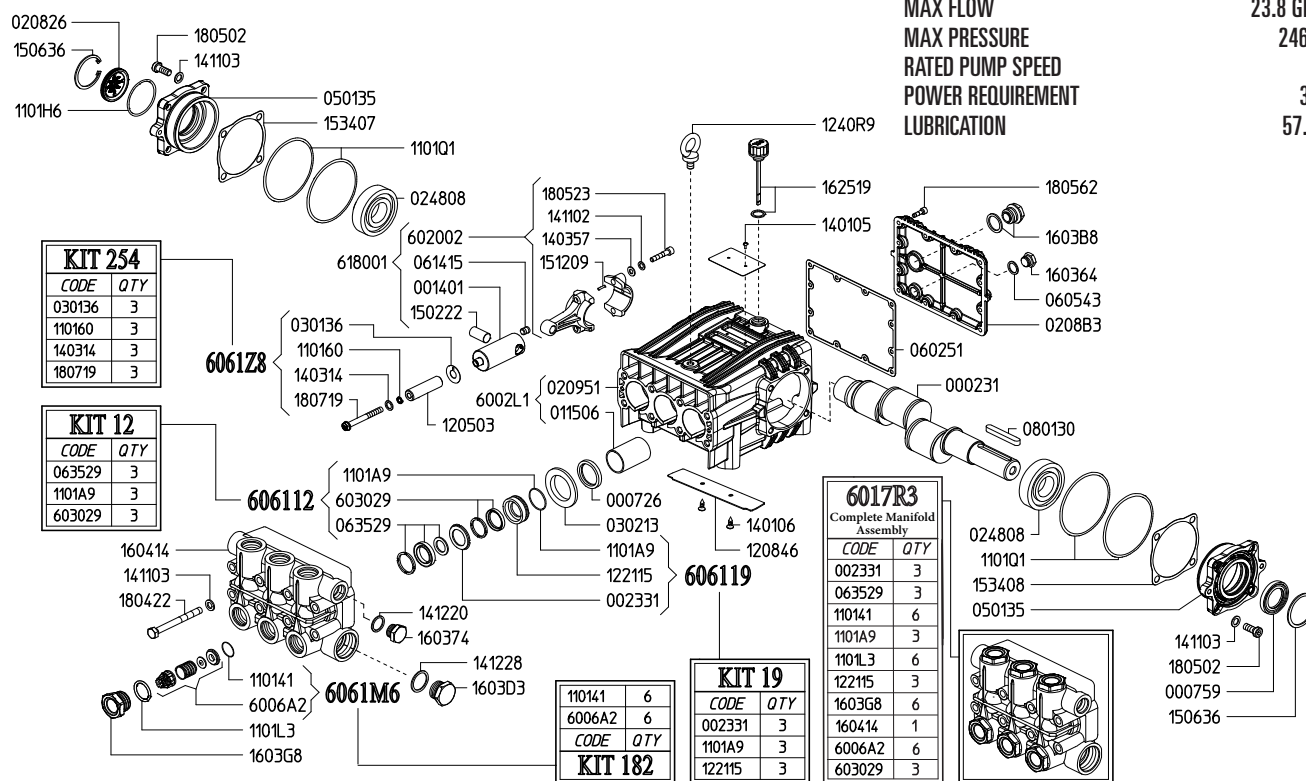
		Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
			GPM	l/min	PSI	bar		Stroke	Code				
1750 RPM	A	NKD 11.0/51 R	11.0	41.5	5075	350	22mm	22.0mm	3	37.2 EBHP	6061.10	6061.J1	67 lbs
	A	NKD 15.0/44 R	14.9	56.6	4350	300	22mm	30.0mm	F	43.5 EBHP	6061.10	6061.J1	67 lbs
	B	NKD 24.0/25 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

23.8 GPM / 90.2 L/MIN
2465 PSI / 170 BAR
1750 RPM
39.3 HP ELECTRIC
57.6 OZ UDOR LUBE



Revised 2-23-2022

Part #	Description	Qty	Part #	Description	Qty
0002.31	CRANKSHAFT 30MM	1	1412.20	BONDED WASHER D27.05 (G3/4")	1
0007.26	OIL SEAL D35	3	1412.28	BONDED WASHER D42.9 (G1-1/4")	1
0007.59	OIL SEAL	1	1502.22	PIN	3
0014.01	PLUNGER GUIDE	3	1506.36	SNAP RING	2
0023.31	UPPER RING D28 ^{D E}	3	1512.09	PIN D5X20	6
0115.06	BUSHING D35	3	1534.07	GASKET - BEARING FLANGE	1
0208.26	OIL SIGHT GLASS	1	1534.08	SPACER / GASKET	1
0208.B3	BACK COVER	1	1603.64	PLUG 3/8"	1
0209.51	CRANKCASE	1	1603.74	PLUG G3/4"	1
0248.08	BALL BEARING	2	1603.B8	OIL SIGHT GLASS W/GASKET	1
0301.36	SLINGER RING ^A	3	1603.D3	PLUG G1-1/4"	1
0302.13	SPACER	3	1603.G8	VALVE PLUG D28/30 ^E	6
0501.35	BEARING FLANGE	2	1604.14	HEAD D28/30 ^E	1
0602.51	GASKET - PUMP BODY	1	1625.19	OIL CAP W/GASKET	1
0605.43	GASKET - D17	1	1804.22	HEX BOLT M10X100	8
0614.15	SET SCREW	3	1805.02	ALLEN BOLT	8
0635.29	HIGH PRESSURE SEAL KIT D28 ^{B E}	3	1805.23	ALLEN BOLT M8X40	6
0801.30	KEY	1	1805.62	ALLEN BOLT M6X20	12
1101.41	O-RING - VALVE ^{C E}	6	1807.19	PLUNGER BOLT ^A	3
1101.60	O-RING - PLUNGER BOLT ^A	3	6002.L1	CRANKCASE ASSEMBLY	1
1101.A9	O-RING - PRESSURE RING ^{B D E}	3	6006.A2	VALVE ASSEMBLY W/O O-RING ^{C E}	6
1101.H6	O-RING - OIL SIGHT GLASS	1	6017.R3	COMPLETE MANIFOLD ASSEMBLY NK D28	1
1101.L3	O-RING - VALVE PLUG ^E	6	6020.02	CONNECTING ROD	3
1101.Q1	O-RING - BEARING FLANGE	4	6030.29	LOW PRESSURE SEAL KIT D28 ^{B E}	3
1205.03	CERAMIC PLUNGER D28	3	6180.01	CONNECTING ROD ASS'Y COMPLETE	3
1208.46	PLATE	1	6061.12	WATER SEAL KIT (KIT 12)	1
1221.15	PRESSURE RING D28 ^{D E}	3	6061.19	BRASS RING KIT D28 (KIT 19)	1
1240.R9	LIFTING HOOK M10	1	6061.M6	VALVE KIT (KIT 182)	1
1401.05	RIVET 3.5X8	2	6061.Z8	PLUNGER BOLT KIT (KIT 254)	1
1401.06	RIVET D4X10	2			
1403.14	WASHER - PLUNGER BOLT ^A	3			
1403.57	WASHER M8	6			
1411.02	SERRATED WASHER D8	6			
1411.03	WASHER	16			

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

^B Parts in 6061.12 (Kit 12).

^C Parts in 6061.M6 (Kit 182).

^D Parts in 6061.19 (Kit 19).

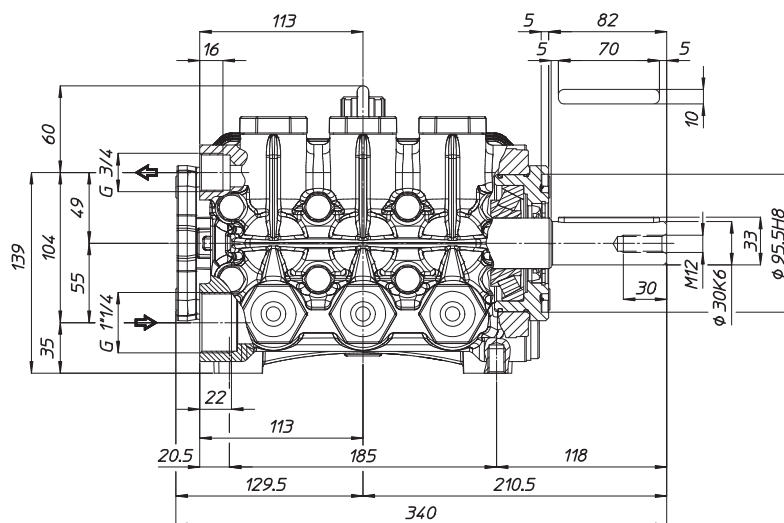
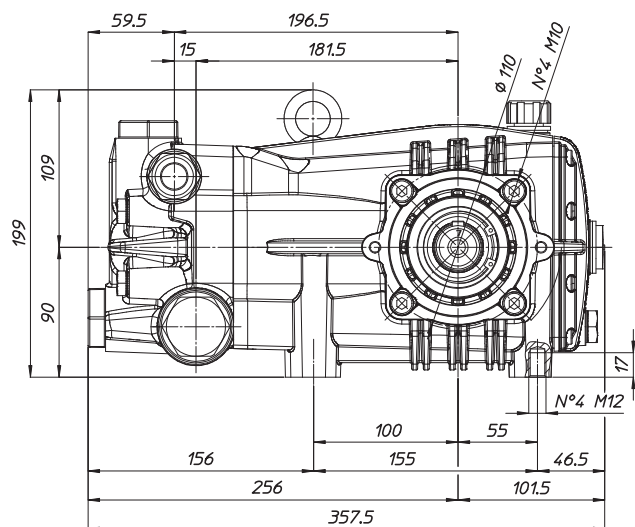
^E Parts in 6017.R3 (Complete Manifold Assembly).

WEIGHT LUBRICATION

67 LBS
57.6 OZ UDOR LUBE

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

NK SERIES PUMPS 28mm & 30mm 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	-

