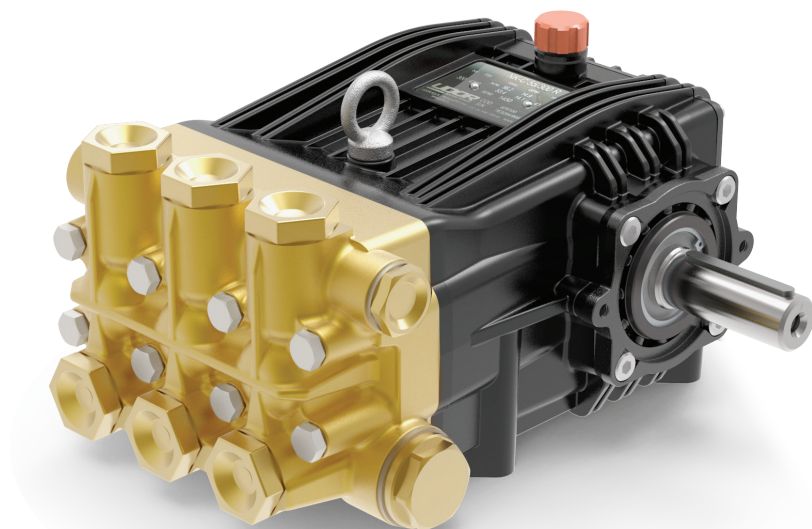




- Brass Manifold
- Solid Ceramic Plungers
- Stainless Steel Plunger Guides and Check Valves
- Bronze Connecting Rods
- Heavy Duty Flat Base High Pressure Seals
- 57.6 oz. Capacity Vented Oil Bath Crank Case
- Max Fluid Temp, 160°F

NKC Series 30mm Keyed Solid Shaft Plunger Pumps

NKC Series super duty plunger pumps include a wide range of models with flow rates from 9.1 to 37.8 GPM and pressures up to 5075 PSI.

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

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

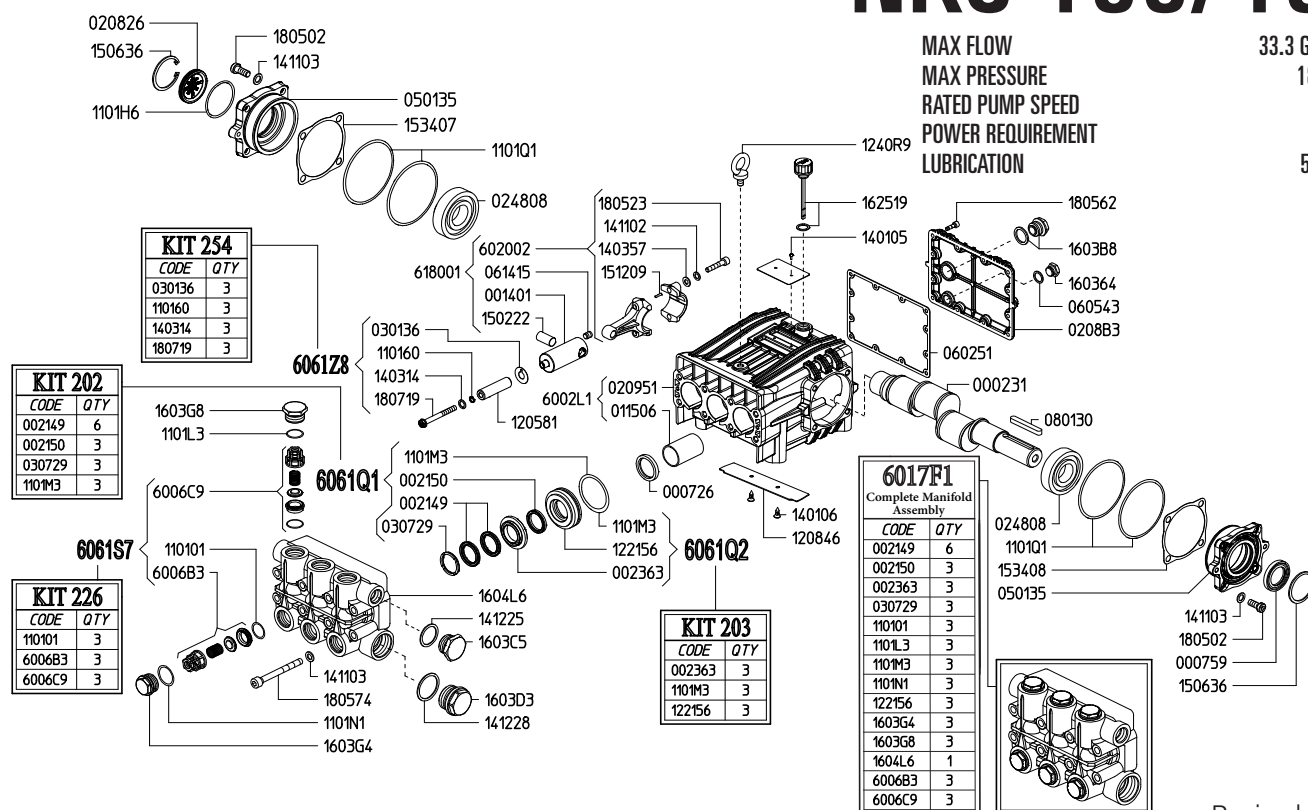
		Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
			GPM	l/min	PSI	bar		Stroke	Code				
1450 RPM	A	NKC 35/350 R	9.1	34.6	5075	350	22mm	22.0mm	3	31.0 EBHP	6061.10	6061.J1	67 lbs
	A	NKC 47/350 R	12.5	47.1	5075	350	22mm	30.0mm	F	42.5 EBHP	6061.10	6061.J1	67 lbs
	A	NKC 55/300 R	14.1	53.4	4350	300	22mm	34.0mm	7	41.1 EBHP	6061.10	6061.J1	67 lbs
	A	NKC 60/250 R	16.1	60.9	3625	250	25mm	30.0mm	F	39.0 EBHP	6061.11	6061.94	67 lbs
	A	NKC 70/250 R	18.2	69.0	3625	250	25mm	34.0mm	7	44.2 EBHP	6061.11	6061.94	67 lbs
	B	NKC 75/170 R	19.9	75.1	2465	170	28mm	30.0mm	F	32.8 EBHP	6061.12	6061.M6	67 lbs
	B	NKC 85/170 R	23.0	87.0	2465	170	28mm	34.0mm	7	37.9 EBHP	6061.12	6061.M6	67 lbs
	B	NKC 100/150 R	26.4	100.0	2175	150	30mm	34.0mm	7	38.4 EBHP	6072.02	6061.M6	67 lbs
	C	NKC 130/130 R	33.3	126.2	1885	130	36mm	30.0mm	F	42.1 EBHP	6061.Q1	6061.S7	67 lbs
	C	NKC 145/100 R	37.8	143.0	1450	100	36mm	34.0mm	7	36.7 EBHP	6061.Q1	6061.S7	67 lbs

NOTE: All pump models available with left-hand drive option. Substitute 'L' for 'R' in model number when ordering (ex. NKC 145/100 L)



MAX FLOW
MAX PRESSURE
RATED PUMP SPEED
POWER REQUIREMENT
LUBRICATION

33.3 GPM / 126.2 L/MIN
1885 PSI / 130 BAR
1450 RPM
42.1 HP ELECTRIC
57.6 OZ UDOR LUBE



Revised 2-23-2022

Part #	Description	Qty
0002.31	CRANKSHAFT 30MM	1
0007.26	OIL SEAL D35	3
0007.59	OIL SEAL	1
0014.01	PLUNGER GUIDE	3
0021.49	HIGH PRESSURE SEAL D36 ^{B E}	6
0021.50	LOW PRESSURE SEAL D36 ^{B E}	3
0023.63	UPPER RING D36 ^{D E}	3
0115.06	BUSHING D35	3
0208.26	OIL SIGHT GLASS	1
0208.B3	BACK COVER	1
0209.51	CRANKCASE	1
0248.08	BALL BEARING	2
0301.36	SLINGER RING ^A	3
0302.13	SPACER	3
0307.29	BACK UP RING ^{B E}	3
0501.35	BEARING FLANGE	2
0602.51	GASKET - PUMP BODY	1
0605.43	GASKET - D17	1
0614.15	SET SCREW	3
0801.30	KEY	1
1101.01	O-RING - INLET VALVE ^{C E}	3
1101.60	O-RING - PLUNGER BOLT ^A	3
1101.H6	O-RING - OIL SIGHT GLASS	1
1101.L3	O-RING - VALVE PLUG DISCHARGE ^E	3
1101.M3	O-RING - PRESSURE RING ^{B D E}	3
1101.N1	O-RING - VALVE PLUG INLET ^E	3
1101.Q1	O-RING - BEARING FLANGE	4
1205.81	CERAMIC PLUNGER D36	3
1208.46	PLATE	1
1221.56	PRESSURE RING D36 ^{D E}	3
1240.R9	LIFTING HOOK M10	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

Part #	Description	Qty
1411.03	WASHER	16
1412.25	BONDED WASHER D33.9 (G1")	1
1412.28	BONDED WASHER D42.9 (G1-1/4")	1
1502.22	PIN	3
1506.36	SNAP RING	2
1512.09	PIN D5X20	6
1534.07	GASKET - BEARING FLANGE	1
1534.08	SPACER / GASKET	1
1603.64	PLUG 3/8"	1
1603.B8	OIL SIGHT GLASS W/GASKET	1
1603.C5	PLUG G1"	1
1603.D3	PLUG G1-1/4"	1
1603.G4	VALVE PLUG - INLET ^E	3
1603.G8	VALVE PLUG - DISCHARGE ^E	3
1604.L6	HEAD D36 ^E	1
1625.19	OIL CAP W/GASKET	1
1805.02	ALLEN BOLT	8
1805.23	ALLEN BOLT M8X40	6
1805.62	ALLEN BOLT M6X20	12
1805.74	ALLEN BOLT M10X110	8
1807.19	PLUNGER BOLT ^A	3
6002.L1	CRANKCASE ASSEMBLY	1
6006.B3	VALVE - INLET ^{C E}	3
6006.C9	VALVE - DISCHARGE ^{C E}	3
6017.F1	COMPLETE MANIFOLD ASSEMBLY NK D36	1
6020.02	CONNECTING ROD	3
6180.01	CONNECTING ROD ASS'Y COMPLETE	3
6061.Q1	WATER SEAL KIT (KIT 202)	1
6061.Q2	BRASS RING KIT D36 (KIT 203)	1
6061.S7	VALVE KIT (KIT 226)	1
6061.Z8	PLUNGER BOLT KIT (KIT 254)	1

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

^B Parts in 6061.Q1 (Kit 202).

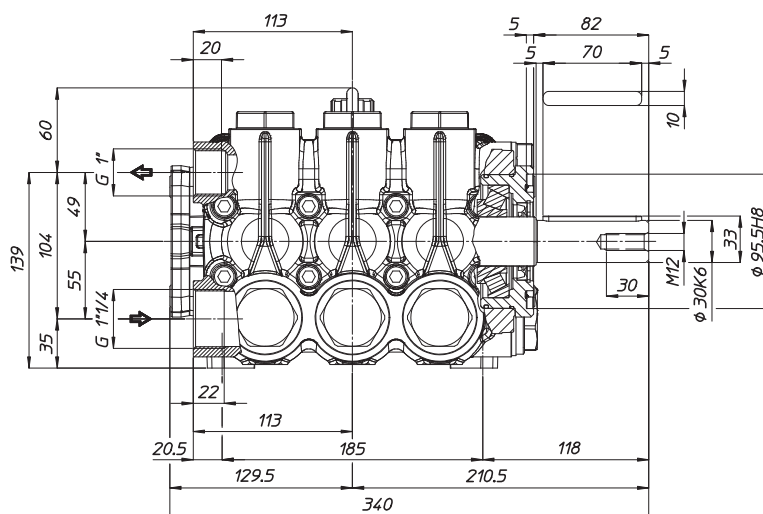
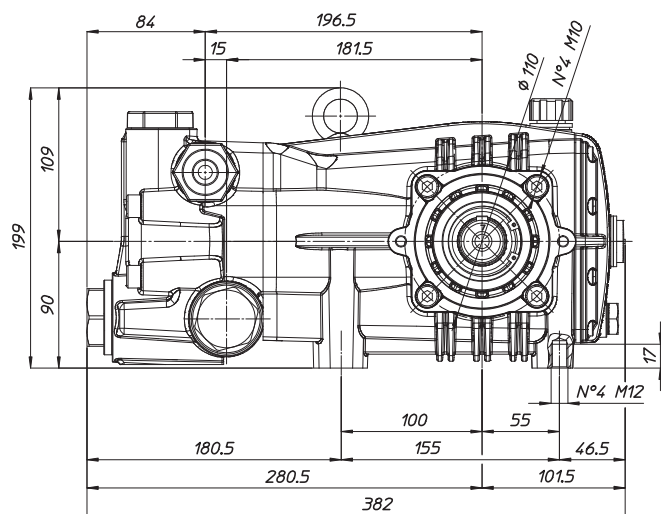
^C Parts in 6061.S7 (Kit 226).

^D Parts in 6061.Q2 (Kit 203).

^E Parts in 6017.F1 (Complete Manifold Assembly).

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

NK SERIES PUMPS 36mm 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	-

