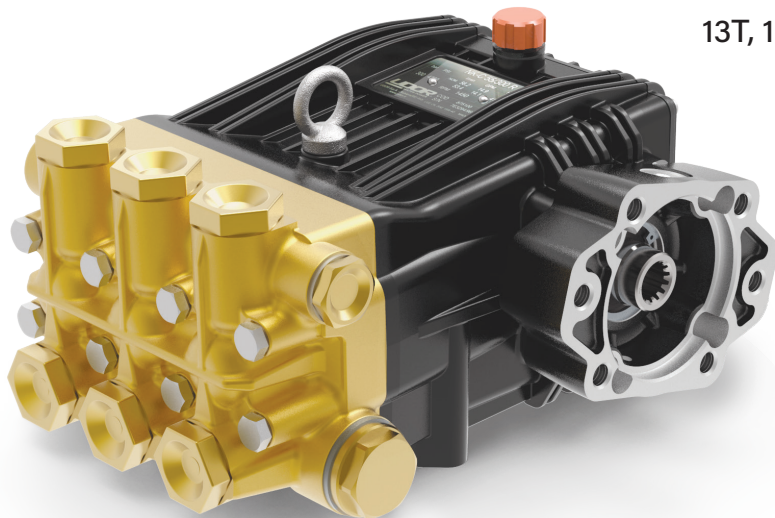




- Brass Manifold
- Solid Ceramic Plungers
- Stainless Steel Plunger Guides and Check Valves
- Bronze Connecting Rods
- Heavy Duty Flat Base High Pressure Seals
- 57.6 oz. Capacity Vented Oil Bath Crank Case
- Max Fluid Temp, 160°F

NKC Series Direct Drive, Hydraulic Flange Plunger Pumps

NKC Series super duty plunger pumps include a wide range of models with flow rates from 12.5 to 37.8 GPM and pressures up to 5075 PSI.

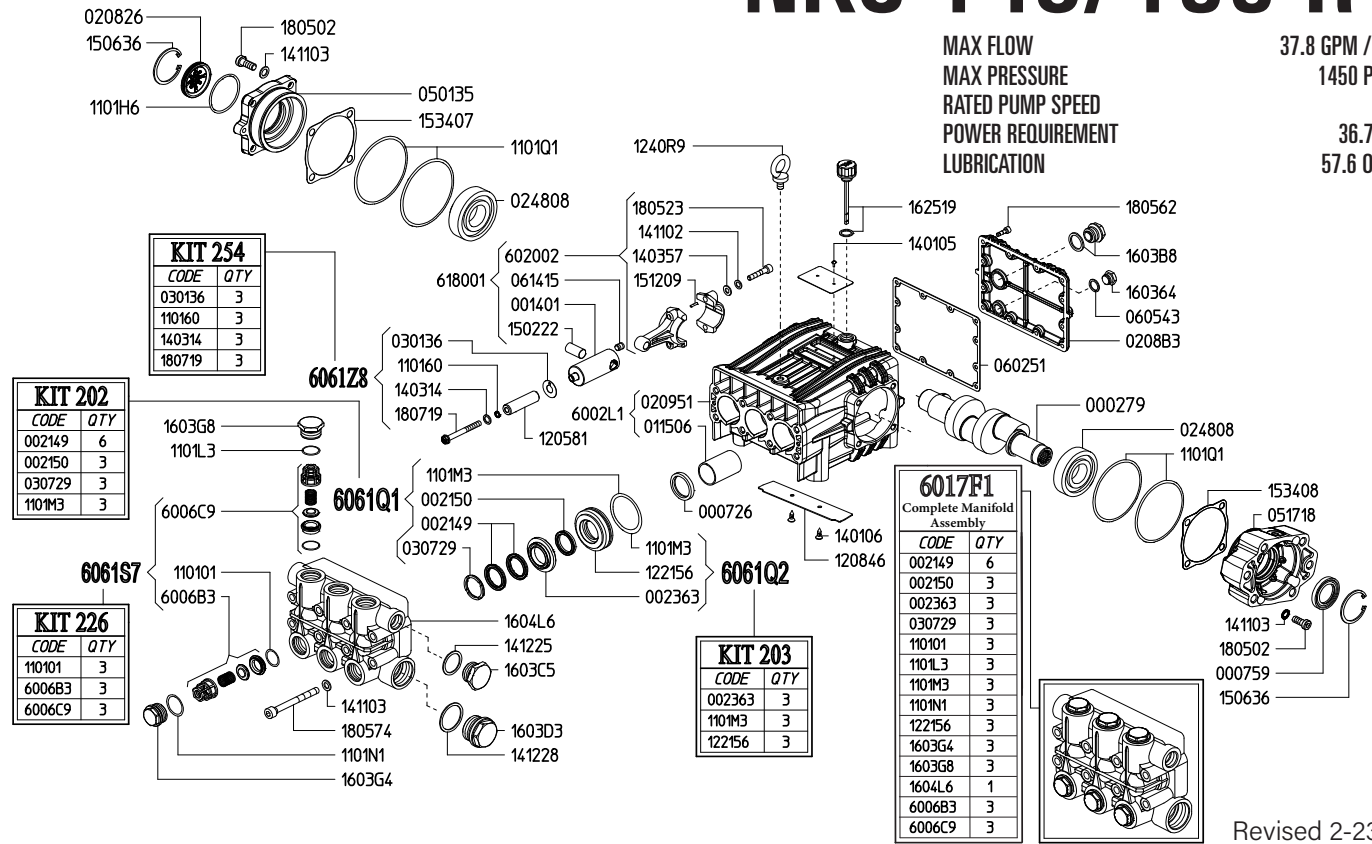
Other drive options include 30mm solid shaft or gas engine gear reduction

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	NKC 47/350 R MI	12.5	47.1	5075	350	22mm	30.0mm	F	42.5 EBHP	6061.10	6061.J1	67 lbs
	NKC 55/300 R MI	14.1	53.4	4350	300	22mm	34.0mm	7	41.1 EBHP	6061.10	6061.J1	67 lbs
	NKC 60/250 R MI	16.1	60.9	3625	250	25mm	30.0mm	F	39.0 EBHP	6061.11	6061.94	67 lbs
	NKC 70/250 R MI	18.2	69.0	3625	250	25mm	34.0mm	7	44.2 EBHP	6061.11	6061.94	67 lbs
	NKC 75/170 R MI	19.9	75.1	2465	170	28mm	30.0mm	F	32.8 EBHP	6061.12	6061.M6	67 lbs
	NKC 85/170 R MI	23.0	87.0	2465	170	28mm	34.0mm	7	37.9 EBHP	6061.12	6061.M6	67 lbs
	NKC 100/150 R MI	26.4	100.0	2175	150	30mm	34.0mm	7	38.4 EBHP	6072.02	6061.M6	67 lbs
	NKC 130/130 R MI	33.3	126.2	1885	130	36mm	30.0mm	F	42.1 EBHP	6061.Q1	6061.S7	67 lbs
	NKC 145/100 R MI	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 MI)





MAX FLOW
MAX PRESSURE
RATED PUMP SPEED
POWER REQUIREMENT
LUBRICATION

37.8 GPM / 143.0 L/MIN
1450 PSI / 100 BAR
1450 RPM
36.7 HP ELECTRIC
57.6 OZ UDOR LUBE

Revised 2-23-2022

Part #	Description	Qty	Part #	Description	Qty
0002.79	CRANKSHAFT MI	1	1411.03	WASHER	16
0007.26	OIL SEAL D35	3	1412.25	BONDED WASHER D33.9 (G1")	1
0007.59	OIL SEAL	1	1412.28	BONDED WASHER D42.9 (G1-1/4")	1
0014.01	PLUNGER GUIDE	3	1502.22	PIN	3
0021.49	HIGH PRESSURE SEAL D36 ^{B E}	6	1506.36	SNAP RING	2
0021.50	LOW PRESSURE SEAL D36 ^{B E}	3	1512.09	PIN D5X20	6
0023.63	UPPER RING D36 ^{D E}	3	1534.07	GASKET - BEARING FLANGE	1
0115.06	BUSHING D35	3	1534.08	SPACER / GASKET	1
0208.26	OIL SIGHT GLASS	1	1603.64	PLUG 3/8"	1
0208.B3	BACK COVER	1	1603.B8	OIL SIGHT GLASS W/GASKET	1
0209.51	CRANKCASE	1	1603.C5	PLUG G1"	1
0248.08	BALL BEARING	2	1603.D3	PLUG G1-1/4"	1
0301.36	SLINGER RING ^A	3	1603.G4	VALVE PLUG - INLET ^E	3
0302.13	SPACER	3	1603.G8	VALVE PLUG - DISCHARGE ^E	3
0307.29	BACK UP RING ^{B E}	3	1604.L6	HEAD D36 ^E	1
0501.35	BEARING FLANGE	1	1625.19	OIL CAP W/GASKET	1
0517.18	BEARING FLANGE - MI	1	1805.02	ALLEN BOLT	8
0602.51	GASKET - PUMP BODY	1	1805.23	ALLEN BOLT M8X40	6
0605.43	GASKET - D17	1	1805.62	ALLEN BOLT M6X20	12
0614.15	SET SCREW	3	1805.74	ALLEN BOLT M10X110	8
1101.01	O-RING - INLET VALVE ^{C E}	3	1807.19	PLUNGER BOLT ^A	3
1101.60	O-RING - PLUNGER BOLT ^A	3	6002.L1	CRANKCASE ASSEMBLY	1
1101.H6	O-RING - OIL SIGHT GLASS	1	6006.B3	VALVE - INLET ^{C E}	3
1101.L3	O-RING - VALVE PLUG DISCHARGE ^E	3	6006.C9	VALVE - DISCHARGE ^{C E}	3
1101.M3	O-RING - PRESSURE RING ^{B D E}	3	6017.F1	COMPLETE MANIFOLD ASSEMBLY NK D36	1
1101.N1	O-RING - VALVE PLUG INLET ^E	3	6020.02	CONNECTING ROD	3
1101.Q1	O-RING - BEARING FLANGE	4	6180.01	CONNECTING ROD ASS'Y COMPLETE	3
1205.81	CERAMIC PLUNGER D36	3	6061.Q1	WATER SEAL KIT (KIT 202)	1
1208.46	PLATE	1	6061.Q2	BRASS RING KIT D36 (KIT 203)	1
1221.56	PRESSURE RING D36 ^{D E}	3	6061.S7	VALVE KIT (KIT 226)	1
1240.R9	LIFTING HOOK M10	1	6061.Z8	PLUNGER BOLT KIT (KIT 254)	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.Q1 (Kit 202).

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

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

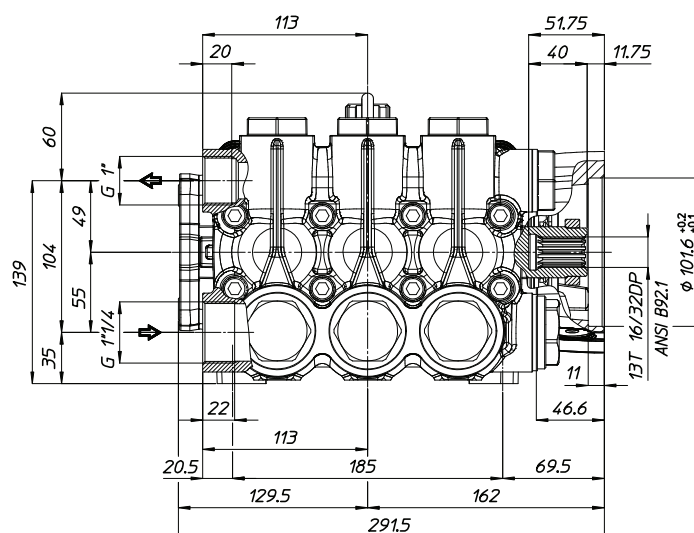
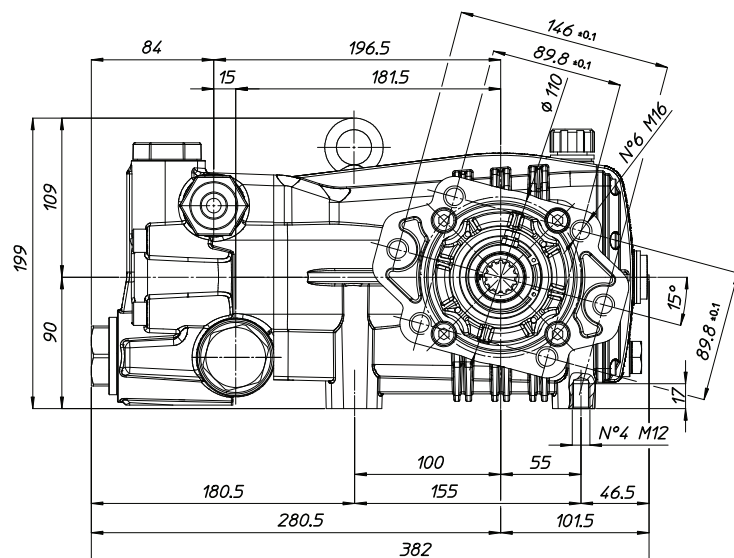
^E Parts in 6017.F1 (Complete Manifold Assembly).

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 – MI Flange, 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	-

