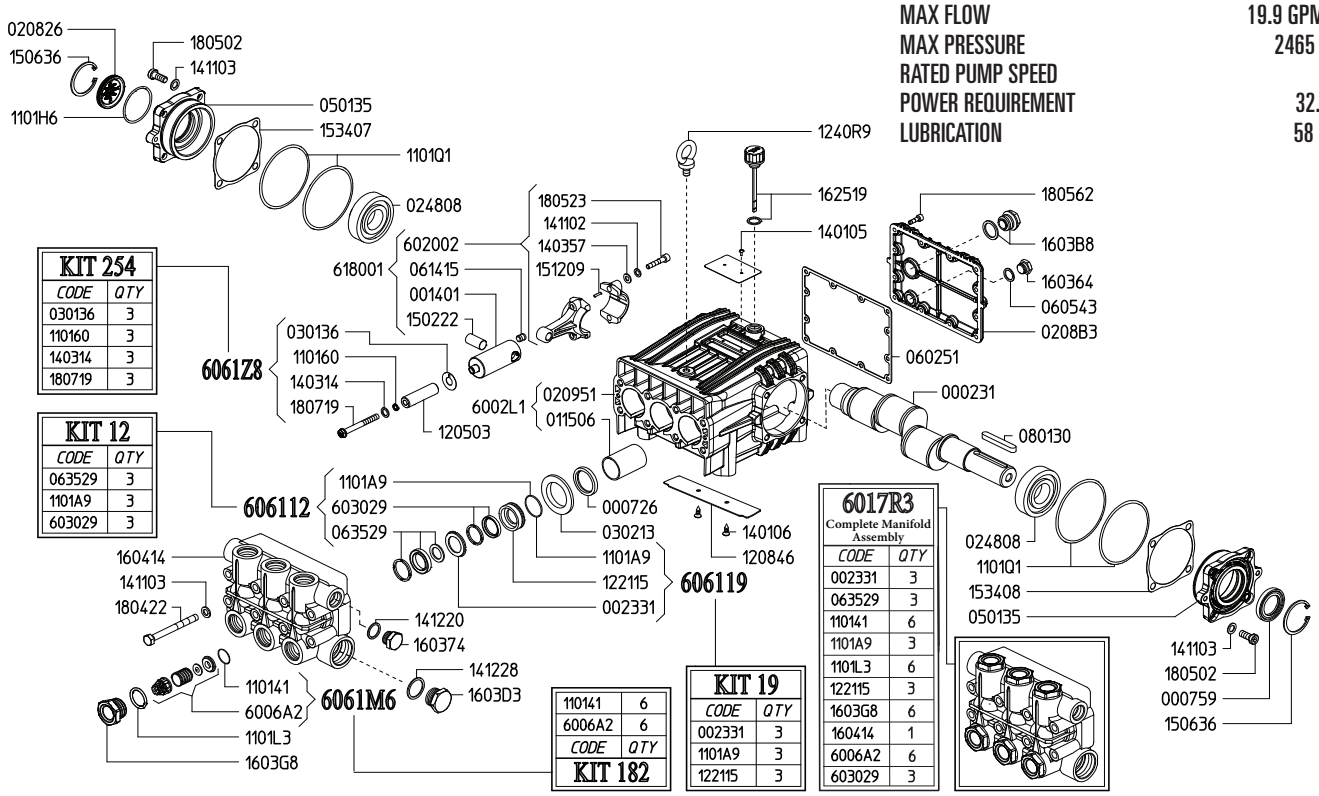
NKC 75/170 R

MAX FLOW	19.9 GPM / 75.1 L/MIN
MAX PRESSURE	2465 PSI / 170 BAR
RATED PUMP SPEED	1450 RPM
POWER REQUIREMENT	32.8 HP ELECTRIC
LUBRICATION	58 OZ UDOR LUBE



Revised 8-24-2021

Part #	Description	Qty
0002.31	CRANKSHAFT 30MM	1
0007.26	OIL SEAL D35	3
0007.59	OIL SEAL	1
0014.01	PLUNGER GUIDE	3
0023.31	UPPER RING D28 [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
0501.35	BEARING FLANGE	2
0602.51	GASKET – PUMP BODY	1
0605.43	GASKET – D17	1
0614.15	SET SCREW	3
0635.29	HIGH PRESSURE SEAL KIT D28 [B E]	3
0801.30	KEY	1
1101.41	O-RING – VALVE [C E]	6
1101.60	O-RING – PLUNGER BOLT [A]	3
1101.A9	O-RING – PRESSURE RING [B D E]	3
1101.H6	O-RING – OIL SIGHT GLASS	1
1101.L3	O-RING – VALVE PLUG [E]	6
1101.Q1	O-RING – BEARING FLANGE	4
1205.03	CERAMIC PLUNGER D28	3
1208.46	PLATE	1
1221.15	PRESSURE RING D28 [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
1411.03	WASHER	16

Part #	Description	Qty
1412.20	BONDED WASHER D27.05 (G3/4")	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
1603.74	PLUG G3/4"	1
1603.B8	OIL SIGHT GLASS W/GASKET	1
1603.D3	PLUG G1-1/4"	1
1603.G8	VALVE PLUG D28/30 [E]	6
1604.14	HEAD D28/30 [E]	1
1625.19	OIL CAP W/GASKET	1
1804.22	HEX BOLT M10X100	8
1805.02	ALLEN BOLT	8
1805.23	ALLEN BOLT M8X40	6
1805.62	ALLEN BOLT M6X20	12
1807.19	PLUNGER BOLT [A]	3
6002.L1	CRANKCASE ASSEMBLY	1
6006.A2	VALVE ASSEMBLY W/O O-RING [C E]	6
6017.R3	COMPLETE MANIFOLD ASSEMBLY NK D28	1
6020.02	CONNECTING ROD	3
6030.29	LOW PRESSURE SEAL KIT D28 [B E]	3
6180.01	CONNECTING ROD ASS'Y COMPLETE	3
6061.12	WATER SEAL KIT (KIT 12)	1
6061.19	BRASS RING KIT D28 (KIT 19)	1
6061.M6	VALVE KIT (KIT 182)	1
6061.Z8	PLUNGER BOLT KIT (KIT 254)	1

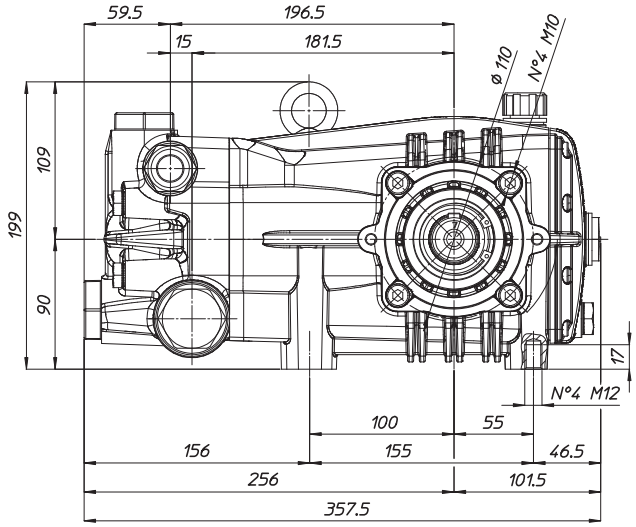
[A] Parts in 6061.Z8 (Kit 254).
[B] Parts in 6061.12 (Kit 12).
[C] Parts in 6061.M6 (Kit 182).
[D] Parts in 6061.19 (Kit 19).
[E] Parts in 6017.R3 (Complete Manifold Assembly).

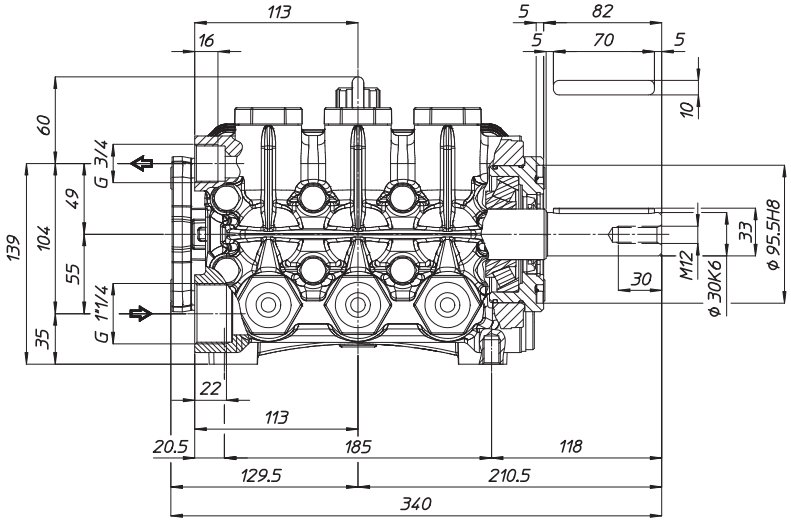
NK SERIES DIMENSIONS

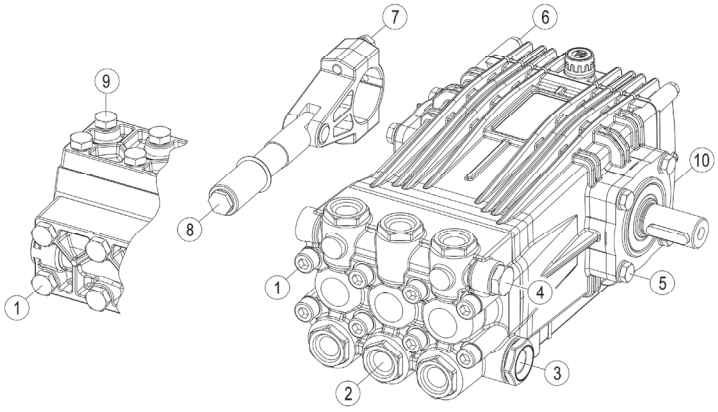
WEIGHT 67 LBS
LUBRICATION 58 OZ UDOR LUBE

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	-