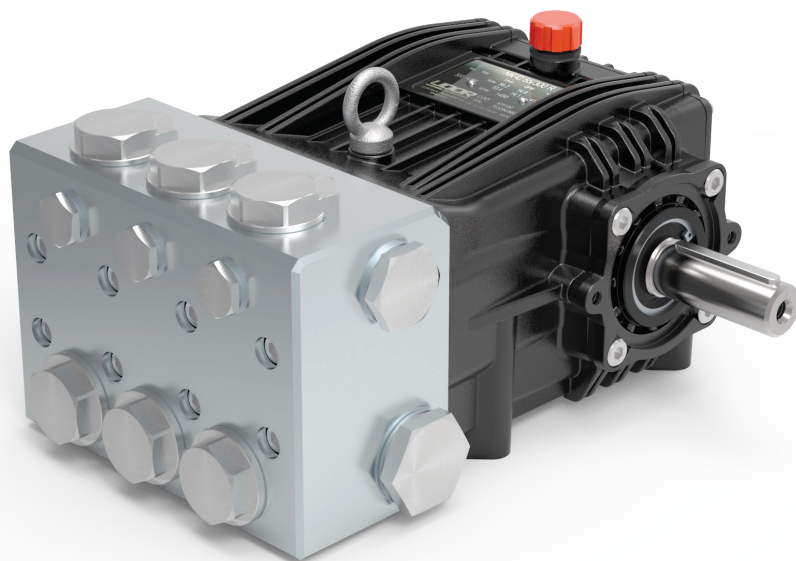




- 316 Stainless Steel Manifolds
- 316 Stainless Steel Valves
- 316 Stainless Steel Plunger Rods & Nuts
- 304 Stainless Steel Exterior Bolts
- Solid Ceramic Plungers
- 1-1/4" BSP-F Inlet.
- 3/4" or 1" BSP-F Outlet.
- 57.6 oz. Oil Capacity
- Max Fluid Temp, 160°F

NKSC Series 24mm Keyed Solid Shaft Plunger Pumps

NKSC Series stainless steel plunger pumps include a wide range of models with flow rates from 19.9 to 37.8 GPM and pressures up to 2465 PSI.

These pumps feature stainless steel wetted and exterior components to withstand the harsh environment of salt water applications.

NKSC Series pumps are well suited for de-salination, disinfecting and food/pharma applications.

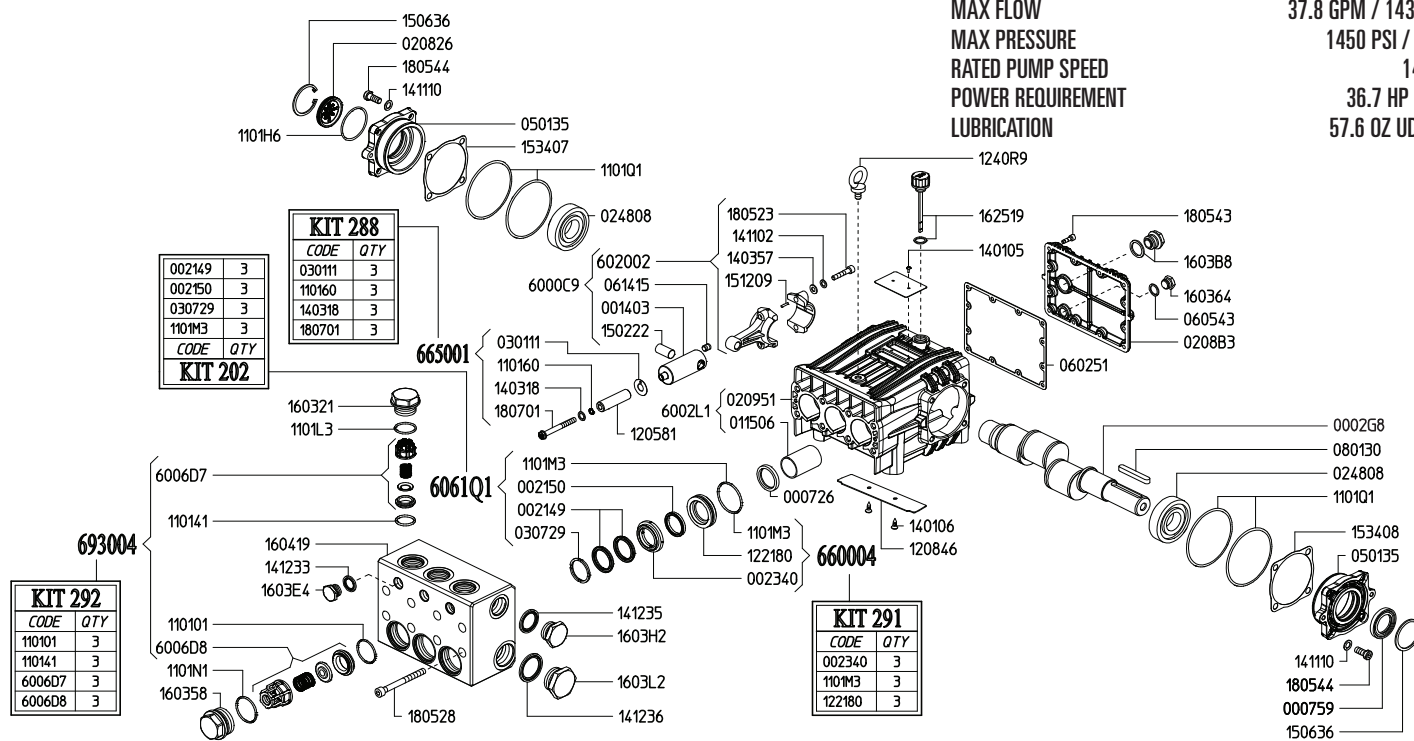
	Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
		GPM	l/min	PSI	bar		Stroke	Code				
1450 RPM	NKS-C 75/170 R	19.9	75.1	2465	170	28mm	30.0mm	F	32.8 EBHP	6061.12	6061.M6	79.6 lbs
	NKS-C 85/170 R	22.5	85.2	2465	170	28mm	34.0mm	7	37.1 EBHP	6061.12	6061.M6	79.6 lbs
	NKS-C 100/150 R	26.4	100.0	2175	150	30mm	34.0mm	7	38.4 EBHP	6072.02	6930.03	79.6 lbs
	NKS-C 145/100 R	37.8	143.0	1450	100	36mm	34.0mm	7	36.7 EBHP	6061.Q1	6930.04	79.6 lbs

All Models available with Gas Engine Gear Reductions. Contact UDOR USA for pricing and availability.



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 12-18-2023

Part #	Description	Qty	Part #	Description	Qty
0002.G8	CRANKSHAFT 30MM	1	1411.02	SERRATED WASHER	6
0007.26	OIL SEAL D35	3	1411.10	WASHER	8
0007.59	OIL SEAL	1	1412.33	GASKET	3
0014.03	PLUNGER GUIDE	3	1412.35	GASKET	1
0021.49	HIGH PRESSURE SEAL D36 ^B	6	1412.36	GASKET	1
0021.50	LOW PRESSURE SEAL D36 ^B	3	1502.22	PIN	3
0023.40	UPPER RING D36 ^D	3	1506.36	SNAP RING	2
0115.06	BUSHING D35	3	1512.09	PIN D5X20	6
0208.26	OIL SIGHT GLASS	1	1534.07	GASKET - BEARING FLANGE	1
0208.B3	BACK COVER	1	1534.08	SPACER / GASKET	1
0209.51	CRANKCASE	1	1603.21	VALVE CAP - DISCHARGE	3
0248.08	BEARING	2	1603.58	VALVE CAP - INLET	3
0301.11	SLINGER RING ^A	3	1603.64	PLUG 3/8"	1
0302.10	SPACER	3	1603.B8	OIL SIGHT GLASS W/GASKET	1
0307.29	BACK UP RING ^B		1603.E4	PLUG	3
0501.35	BEARING FLANGE	2	1603.H2	PLUG	1
0602.51	GASKET - PUMP BODY	1	1603.L2	PLUG	1
0605.43	GASKET - D17	1	1604.19	HEAD	1
0614.15	SET SCREW	3	1625.19	OIL CAP W/GASKET	1
0635.08	HIGH PRESSURE SEAL KIT D36 ^D	3	1805.23	ALLEN BOLT	6
0801.30	KEY	1	1805.28	ALLEN BOLT	8
1101.01	O-RING - VALVE, INLET ^C	3	1805.43	ALLEN BOLT	12
1101.41	O-RING - VALVE, DISCHARGE ^C	3	1805.44	ALLEN BOLT	8
1101.60	O-RING - PLUNGER BOLT ^A	3	1807.19	PLUNGER BOLT ^A	3
1101.M3	O-RING - PRESSURE RING ^{B D}	3	6000.C9	COMPLETE CONNECTING ROD ASS'Y	3
1101.H6	O-RING - OIL SIGHT GLASS	1	6002.L1	CRANKCASE ASSEMBLY	1
1101.L3	O-RING - VALVE PLUG - DISCHARGE	3	6006.D7	VALVE ASS'Y - DISCHARGE W/O O-RING ^C	3
1101.N1	O-RING - VALVE PLUG - INLET	3	6006.D8	VALVE ASS'Y - INLET W/O O-RING ^C	3
1101.Q1	O-RING - BEARING FLANGE	4	6020.02	CONNECTING ROD	3
1205.81	CERAMIC PLUNGER D36	3	6061.Q1	WATER SEAL KIT (KIT 202)	1
1208.46	PLATE	1	6600.04	BRASS RING KIT D36 (KIT 291)	1
1221.80	PRESSURE RING D36 ^D	3	6650.01	PLUNGER BOLT KIT (KIT 288)	1
1240.R9	LIFTING HOOK M10	1	6930.04	VALVE KIT (KIT 292)	1
1401.05	RIVET 3.5X8	2			
1401.06	RIVET D4X10	2			
1403.14	WASHER - PLUNGER BOLT ^A	3			
1403.57	WASHER	6			

^A Parts in 6650.01 (Kit 288).

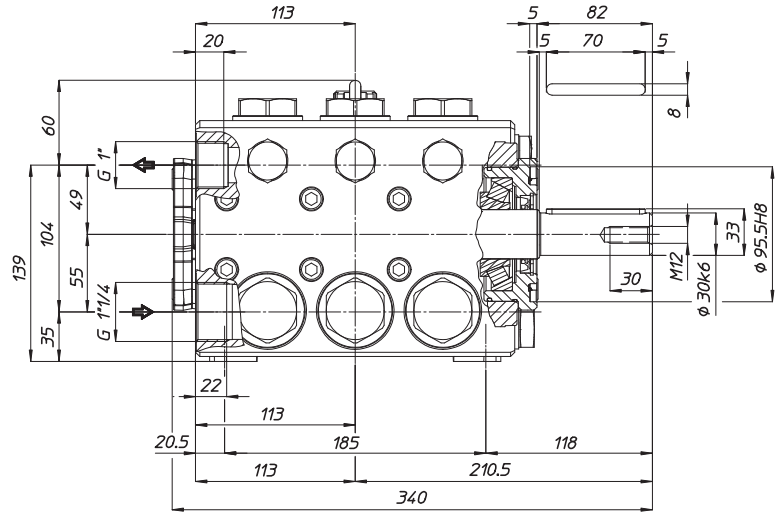
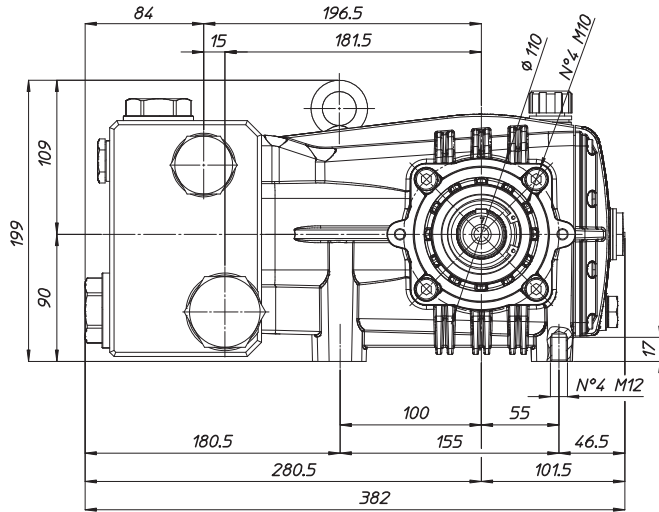
^B Parts in 6061.Q1 (Kit 202).

^C Parts in 6930.04 (Kit 292).

^D Parts in 6600.04 (Kit 291).

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

NKS SERIES PUMPS - Over 30 GPM



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	-

