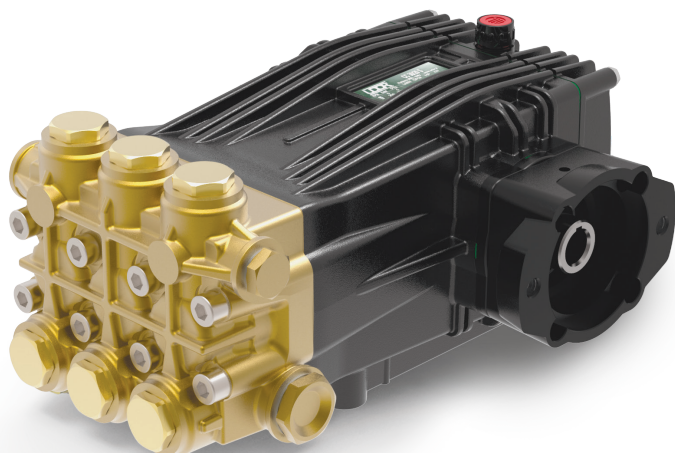


Direct Drive, Hydraulic Flange Models

3/4" Hollow Shaft with 2 Bolt A-Flange Hydraulic Motor Mount
1750 RPM



- Heavy Duty Brass Manifold with External and Internal Bracing
- Heavy Duty Bronze or Aluminum Connecting Rods
- Large Diameter Brass or Stainless Steel Valve Caps with Increased Thread Depth
- Reinforcing Ring on Inlet and Discharge Ports
- Stainless Steel Piston Guides and Check Valves
- Heat Treated Crank Shaft
- Industrial Quality Tapered Roller Bearings
- Deeper Back Cover for Increased Oil Capacity
- 34.5 oz. Capacity Vented Oil Bath Crank Case
- 3/4" BSP-F Inlet. 3/8" BSP-F Outlet - Less Than 10 GPM
- 3/4" BSP-F Inlet. 1/2" BSP-F Outlet - 10 GPM and Above
- Max Fluid Temp, 160°F

CKD Series Direct Drive, Hydraulic Motor Flange Plunger Pumps

CKD Series super duty plunger pumps include a wide range of models with flow rates from 6.0 to 9.5 GPM and pressures up to 5075 PSI.

Other drive options include 24mm solid shaft and gas engine gear reduction.

Applications include general pressure cleaning, sewer jetting, vehicle wash equipment, street cleaning, construction, hydro-excavation and UHP fire fighting applications.

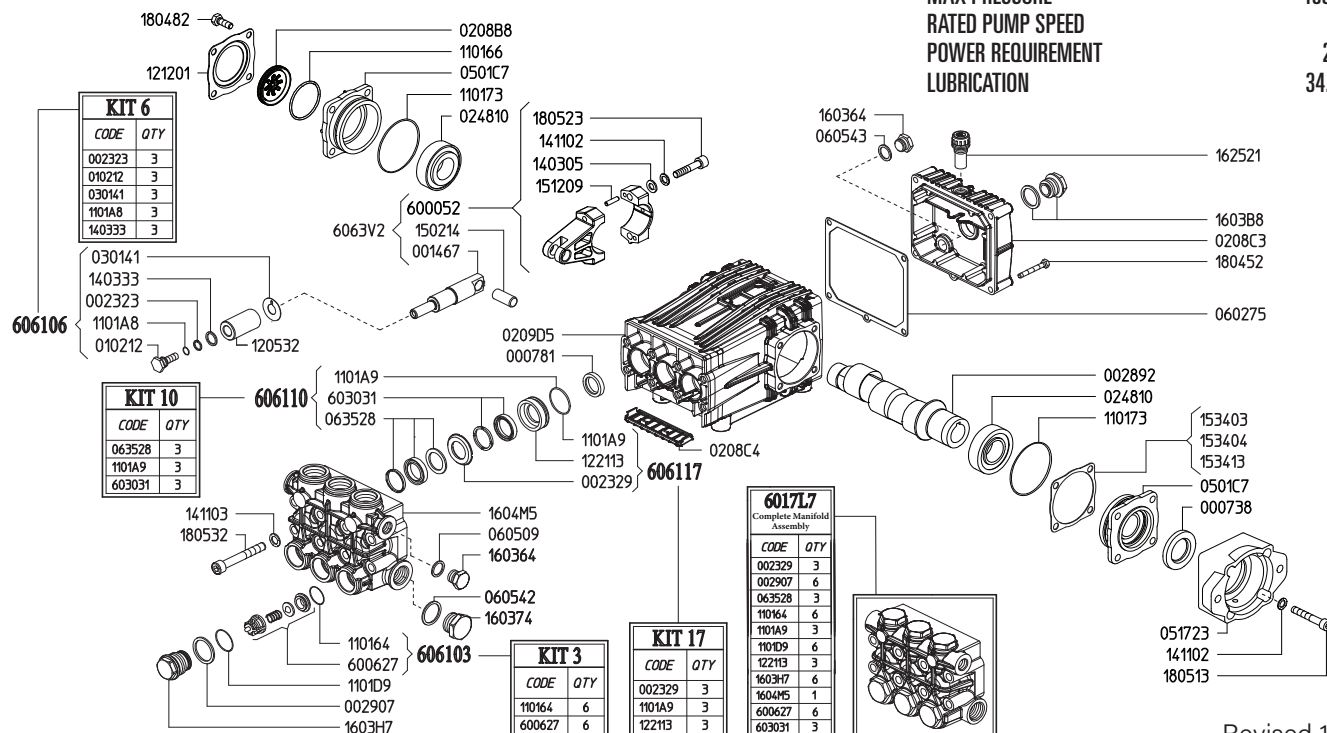
	Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
		GPM	l/min	PSI	bar		Stroke	Code				
1750 RPM	CKD 6.0/51 T MI	6.0	22.7	5075	360	20mm	15.0mm	V	20.4 EBHP	6061.D4	6061.63	40 lbs
	CKD 7.5/44 T MI	7.5	28.4	4350	300	22mm	15.0mm	V	21.8 EBHP	6061.10	6061.03	40 lbs
	CKD 9.5/36 T MI	9.5	36.0	3625	250	25mm	15.0mm	V	23.0 EBHP	6061.11	6061.03	40 lbs

NOTE: All pump models available with left-hand drive option. Add 'L' to model number when ordering (ex. CKD 6.0/51 TL MI)



MAX FLOW
MAX PRESSURE
RATED PUMP SPEED
POWER REQUIREMENT
LUBRICATION

7.5 GPM / 28.4 L/MIN
4350 PSI / 300 BAR
1750 RPM
21.8 HP ELECTRIC
34.5 OZ UDOR LUBE



Revised 11-11-2024

Part #	Description	Qty	Part #	Description	Qty
0007.38	OIL SEAL D30	1	1403.33	WASHER D13.4 ^B	3
0007.81	OIL SEAL D20	3	1411.02	SERATED WASHER D8	10
0014.67	PLUNGER GUIDE D22/25/28 "C/CK"	3	1411.03	SERATED WASHER D10	8
0023.23	RING D10.4 ^B	3	1502.14	PIN D14X32	3
0023.29	UPPER RING D22 "CK" ^{D E}	3	1512.09	PLUG D5X20 UNI1707	6
0028.92	CRANKSHAFT - MI	1	1534.03	SHIM 0.1MM	-
0029.07	PLUG RING "CK" ^E	6	1534.04	SHIM 0.2MM	-
0102.12	PLUNGER BOLT ^B	3	1534.13	SHIM 0.05MM	-
0208.B8	OIL SIGHT GLASS	1	1603.64	PLUG G3/8	2
0208.C3	BACK COVER "C/CK"	1	1603.74	PLUG G3/4	1
0208.C4	COVER "CK"	1	1603.B8	OIL PLUG G3/4 + GASKET	1
0209.D5	CRANKCASE "C/CK/CH"	1	1603.H7	VALVE PLUG "CK" PISTON D22/25 ^E	6
0248.10	ROLLER BEARING D30	2	1604.M5	HEAD "CK" D22/25 ^E	1
0301.41	SLINGER RING ^B	3	1625.21	OIL PLUG G3/8	1
0501.C7	BEARING FLANGE	2	1804.52	HEX BOLT M6X45	5
0517.23	MOUNTING FLANGE - MI	1	1804.82	HEX BOLT M8X22	4
0602.75	BACK COVER GASKET	1	1805.13	ALLEN BOLT M8X35	4
0605.09	GASKET D17	1	1805.23	ALLEN BOLT M8X40	6
0605.42	GASKET D27	1	1805.32	ALLEN BOLT M10X75	8
0605.43	GASKET D17	1	6000.52	ROD ASSEMBLY	3
0635.28	HIGH PRESS. SEAL KIT D22 ^{C E}	3	6006.27	VALVE ASSEMBLY W/O O-RING ^{A E}	6
1101.64	O-RING - VALVE ^{A E}	6	6017.L7	COMPLETE MANIFOLD ASSEMBLY	1
1101.66	O-RING - OIL SIGHT GLASS	1	6030.31	LOW PRESSURE SEAL KIT D22 ^{C E}	3
1101.73	O-RING - BEARING FLANGE	2	6061.03	KIT 3 VALVE KIT	1
1101.A8	O-RING - PLUNGER BOLT ^B	3	6061.06	KIT 6 PLUNGER KIT D22	1
1101.A9	O-RING - PRESSURE RING ^{C D E}	3	6061.10	KIT 10 WATER SEAL KIT D22 "C/CK"	1
1101.D9	O-RING - VALVE PLUG ^E	6	6061.17	KIT 17 BRASS RING KIT D22 "CK" 350BAR	1
1205.32	CERAMIC PLUNGER D22	3			
1212.01	RETAINER - OIL SIGHT GLASS	1			
1221.13	PRESSURE RING D22 ^{D E}	3			
1403.05	WASHER D8.4	6			

^A Parts in 6061.03 (Kit 3).

^B Parts in 6061.06 (Kit 6).

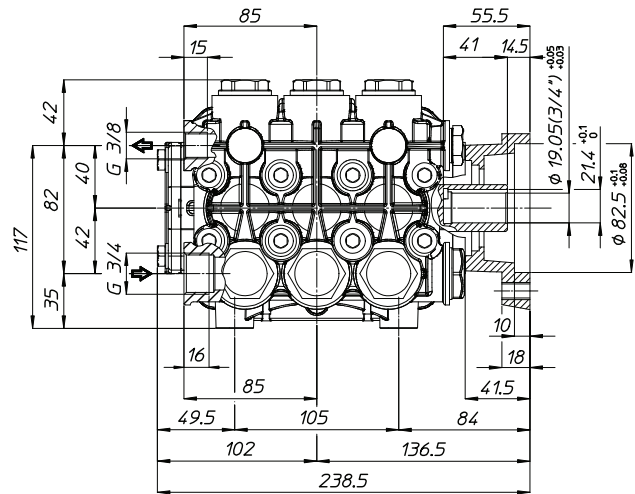
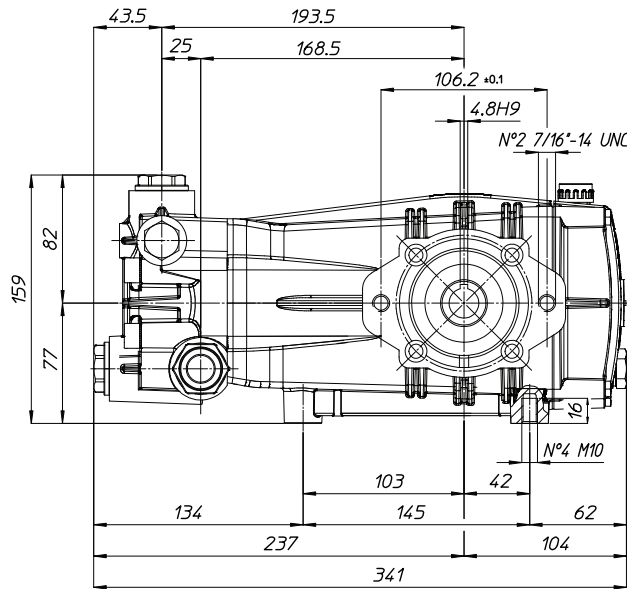
^C Parts in 6061.10 (Kit 10).

^D Parts in 6061.17 (Kit 17).

^E Parts in 6017.L7 (Complete Manifold Assembly).

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

CK SERIES PUMPS - 3/4" HOLLOW SHAFT w/ HYDRAULIC MOTOR FLANGE



TORQUE SPECS

Ref.	Description	Ft./lb.	Nm	Loctite®
1	Head Bolts	37	50	-
2	Valve Caps	103	140	243
3	Inlet Cap	103	140	-
4	Outlet Cap	103	140	243
5	Bearing Flange Bolts	19	25	-
6	Rear Cover Bolts	8	11	-
7	Connecting Rod Bolts	19	25	270
8	Plunger Bolts	15	20	270
9	Valve Cover Bolts	-	-	-
10	Oil Drain Plug	8	11	-

