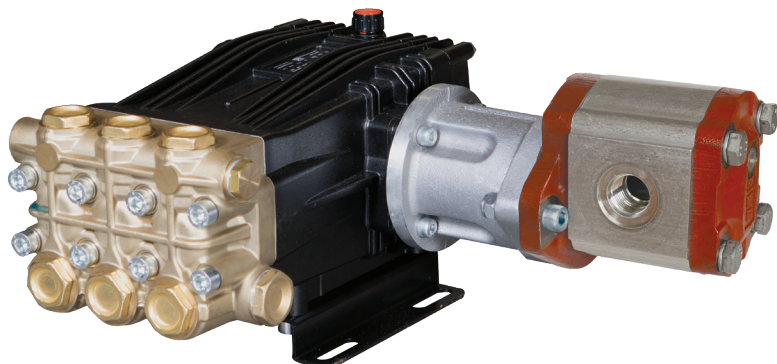


Hydraulic Drive Assemblies

Pump, Hydraulic Motor, Mounting Rails

1750 RPM



- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Heavy Duty Brass Manifold with External and Internal Bracing
- High Strength Aluminum Alloy Connecting Rods.
- Large Diameter Brass Valve Caps with Increased Thread Depth
- Reinforcing Ring on Inlet and Discharge Ports
- 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: 5.5 - 8.5 GPM
- 3/4" BSP-F Inlet. 1/2" BSP-F Outlet: 9.0 GPM & Above
- Max Fluid Temp, 160°F

CD Series Hydraulic Drive Assemblies

CD Series standard duty hydraulic drive plunger pump assemblies include a wide range of models with flow rates from 5.5 to 8.5 GPM and pressures up to 3000 PSI.

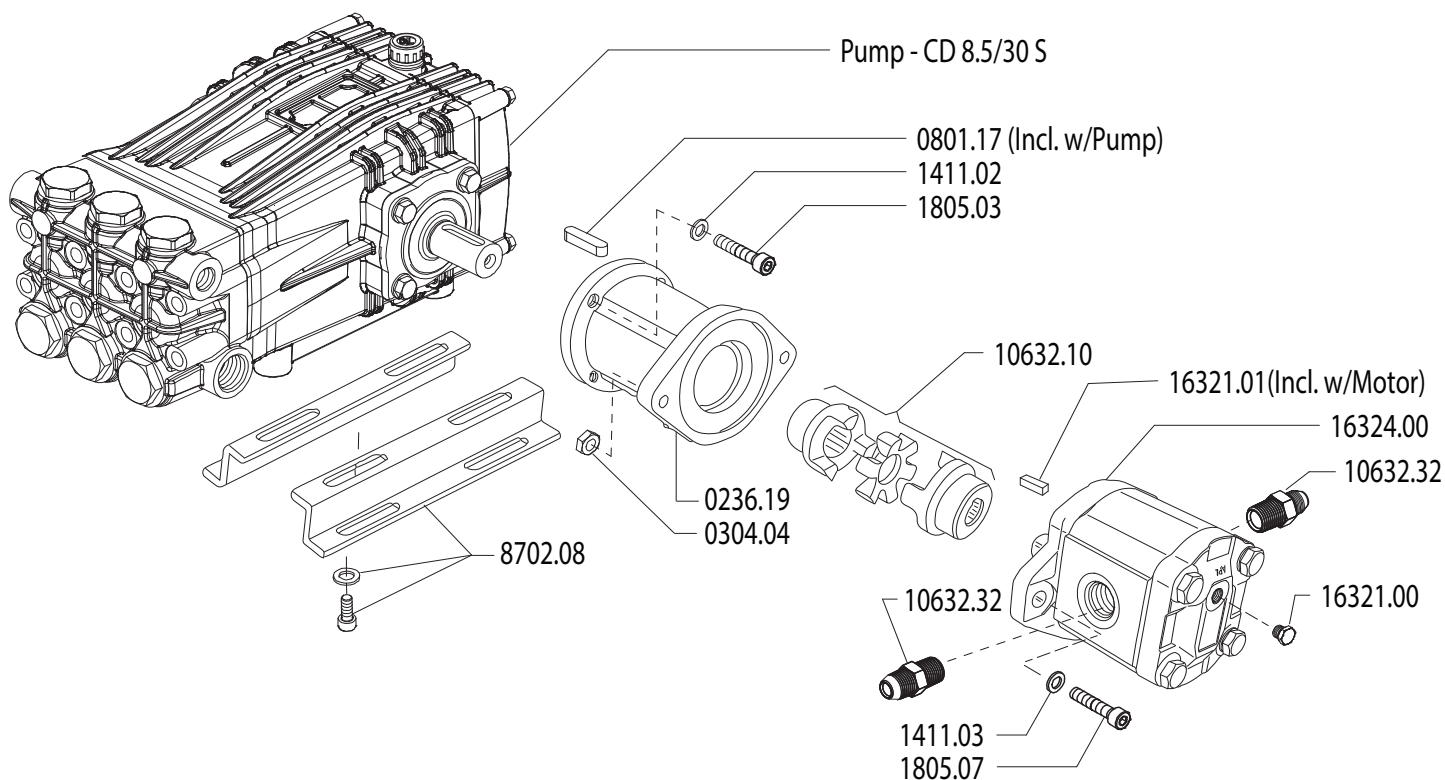
Applications include general pressure cleaning, sewer jetting, vehicle wash equipment, street cleaning, construction, hydro-excavation and UHP fire fighting applications.

	Model	GPM	l/min	PSI	bar	Hydraulic Requirements	Weight
1750 RPM	CD 5.5/30 SH	5.5	21	3000	200	12.0 GPM @ 1700 PSI	48 lbs
	CD 7.0/22 SH	7.0	26	2200	150	12.0 GPM @ 2000 PSI	48 lbs
	CD 8.5/20 SH	8.5	32	2000	130	12.0 GPM @ 2000 PSI	48 lbs
1750 RPM	CD 5.5/30 SHK	C Series Hydraulic Drive Plunger Pump with hydraulic gear motor, mounting rails, unloader, 1" hose barb inlet, thermal relief valve, safety pop-off valve and 14" x 20" base with rubber bumpers.					80 lbs
	CD 7.0/22 SHK						80 lbs
	CD 8.5/20 SHK						80 lbs



MAX FLOW
MAX PRESSURE
RATED PUMP SPEED
HYDRAULIC REQUIREMENT
LUBRICATION

8.2 GPM / 32.0 L/MIN
2000 PSI / 130 BAR
1750 RPM
12.0 GPM / 2000 PSI
34.5 OZ UDOR LUBE



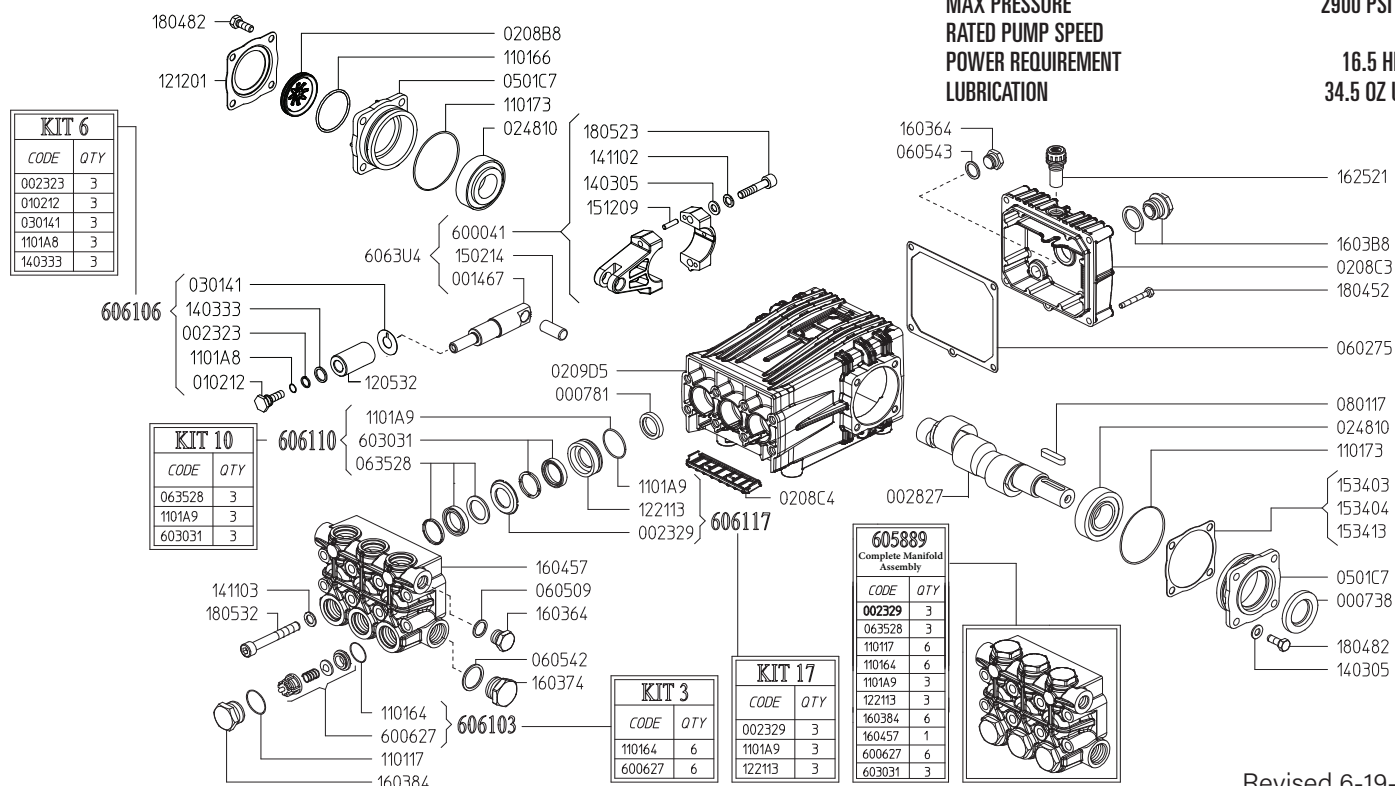
Revised 6-19-2025

Part #	Description	Qty
0236.19	ADAPTER HYDRAULIC MOTOR	1
0304.04	NUT - M10	2
1411.02	WASHER - D8	4
1411.03	WASHER - D10	2
1805.03	ALLEN BOLT M8 1.25x30	4
1805.07	ALLEN BOLT M10 1.5x40	2
8702.10	RAIL KIT WITH BOLTS/WASHERS	1

Part #	Description	Qty
10632.10	COUPLER 24MMX3/4	1
10632.32	HYDRAULIC FITTING	2
16321.00	CASE DRAIN PLUG - #4 ORB	1
16321.01	KEY - 5/32" X 6/32" X 1/2"	1
16322.01	HYDRAULIC MOTOR REPAIR KIT	-
16324.00	HYDRAULIC MOTOR - B/C	1
CD8530S	PUMP - CD 8.5/30 S, 8.5 GPM @ 2900 PSI	1

MAX FLOW
MAX PRESSURE
RATED PUMP SPEED
POWER REQUIREMENT
LUBRICATION

8.5 GPM 32.2 L/MIN
2900 PSI / 200 BAR
1750 RPM
16.5 HP ELECTRIC
34.5 OZ UDOR LUBE



Revised 6-19-2025

Part #	Description	Qty
0007.38	OIL SEAL D30	1
0007.81	OIL SEAL D20	3
0014.67	PLUNGER GUIDE D22/25/28 "C/CK"	3
0023.23	RING D10.4 ^B	3
0023.29	UPPER RING D20 "M/MK" ^{D E}	3
0028.27	MALE SHAFT D24	1
0102.12	PLUNGER BOLT ^B	3
0208.B8	OIL SIGHT GLASS	1
0208.C3	BACK COVER "C/CK"	1
0208.C4	COVER "C/CK"	1
0209.D5	CRANKCASE "C/CK/CH"	1
0248.10	ROLLER BEARING D30	2
0301.41	SLINGER RING ^B	3
0501.C7	BEARING HOLLOW FLANGE	2
0602.75	BACK COVER GASKET	1
0605.09	GASKET D17	1
0605.42	GASKET D27	1
0605.43	GASKET D17	1
0635.28	HIGH PRESSURE SEAL KIT D22 ^{C E}	3
0801.17	KEY A8X7X35	1
1101.17	O-RING - VALVE PLUG ^E	6
1101.64	O-RING - VALVE ^{A E}	6
1101.66	O-RING - OIL SIGHT GLASS	1
1101.73	O-RING - BEARING FLANGE	2
1101.A8	O-RING - PLUNGER BOLT ^B	3
1101.A9	O-RING - PRESSURE RING ^{C D E}	3
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	10

Part #	Description	Qty
1403.33	WASHER D13.4 ^B	3
1411.02	SERATED WASHER D8	6
1411.03	SERATED WAHSER D10	8
1502.14	PIN D14X32	3
1512.09	PLUG D5X20 UNI1707	6
1534.03	SHIM 0.1 MM	1
1534.04	SHIM 0.2 MM	1
1534.13	SHIM 0.05 MM	1
1603.64	PLUG G3/8	2
1603.74	PLUG G3/4	1
1603.84	VALVE PLUG PISTON D22/25 ^E	6
1603.B8	OIL PLUG G3/4" + GASKET	1
1604.57	HEAD "C/G" PISTON D22/25 ^E	1
1625.05	OIL PLUG G3/8	1
1804.52	HEX BOLT M6X45	5
1804.82	HEX BOLT M8X22	8
1805.23	ALLEN BOLT M8X40	6
1805.32	ALLEN BOLT M10X75	8
6000.41	ROD ASSEMBLY	3
6006.27	VALVE ASSEMBLY W/O O-RING ^{A E}	6
6030.31	LOW PRESSURE SEAL ASSY D22 ^C	3
6058.89	COMPLETE MANIFOLD ASSEMBLY	1
6061.03	KIT 3 VALVE KIT	1
6061.06	KIT 6 PLUNGER KIT	1
6061.10	KIT 10 WATER SEAL KIT D22 "C/CK"	1
6061.17	KIT 17 BRASS RING KIT D22 "C/CK/NX"	1

^A Parts in 6061.03 (Kit 3).

^B Parts in 6061.06 (Kit 6).

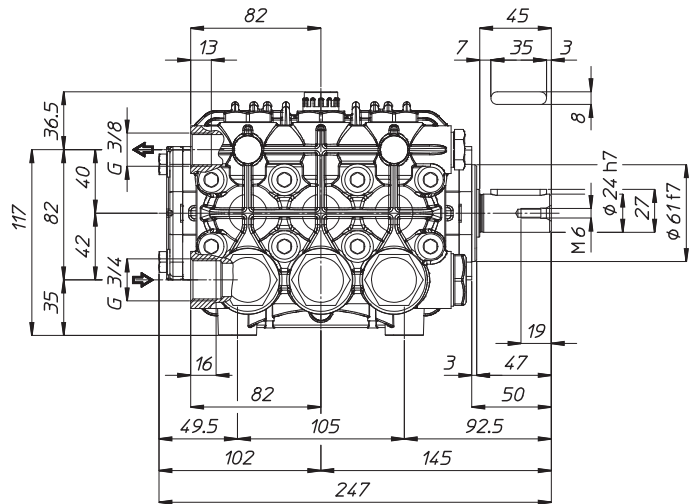
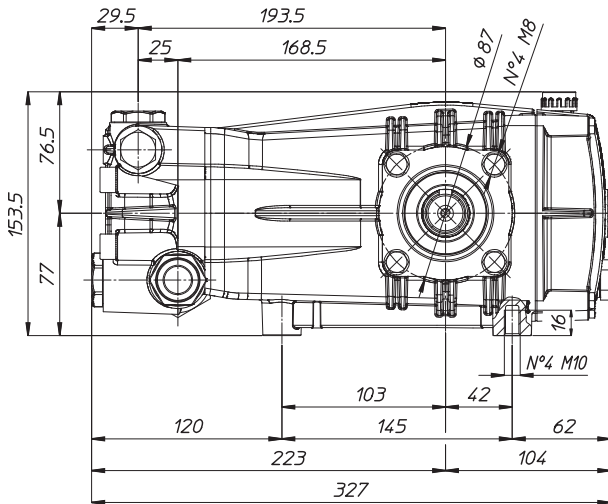
^C Parts in 6061.10 (Kit 10).

^D Parts in 6061.17 (Kit 17).

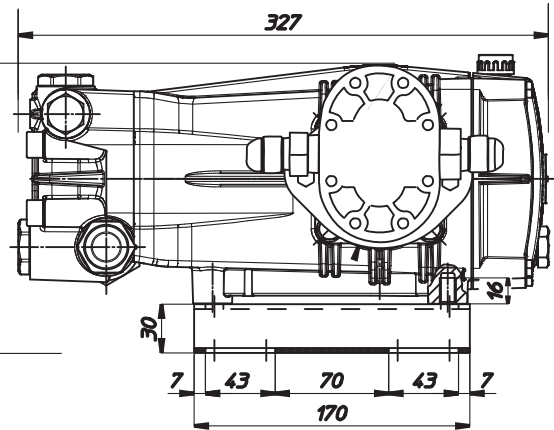
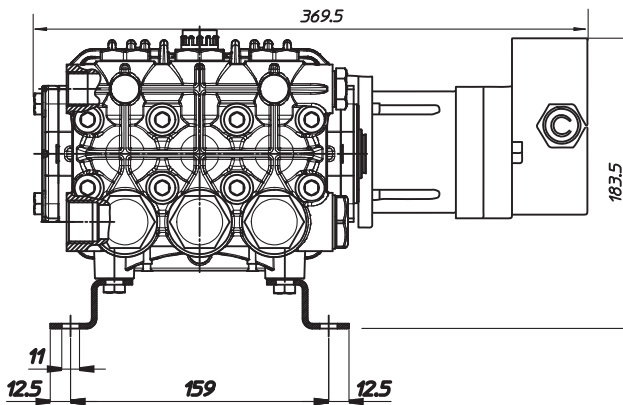
^E Parts in 6058.89 (Complete Manifold Assembly).

C SERIES PUMPS BELOW 9 GPM

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



C SERIES HYDRAULIC DRIVE PUMP ASSEMBLY



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	-

