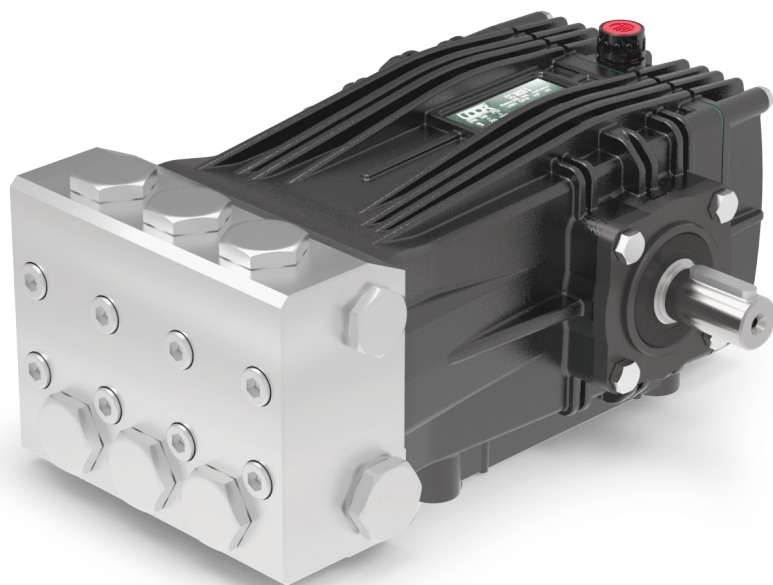




- 316 Stainless Steel Manifolds
- 316 Stainless Steel Valves
- 316 Stainless Steel Plunger Rods & Nuts
- 304 Stainless Steel Exterior Bolts
- Solid Ceramic Plungers
- PTFE Style Packings
- 34.5 oz. Capacity Vented Oil Bath Crank Case
- 3/4" BSP-F Inlet. 1/2" BSP-F Outlet - Below 10 GPM
- 1" BSP-F Inlet. 1/2" BSP-F Outlet - Over 10 GPM
- Max Fluid Temp, 160°F

CSC Series 24mm Keyed Solid Shaft Plunger Pumps

CSC Series stainless steel plunger pumps include a wide range of models with flow rates from 7.1 to 13.2 GPM and pressures up to 2900 PSI.

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

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

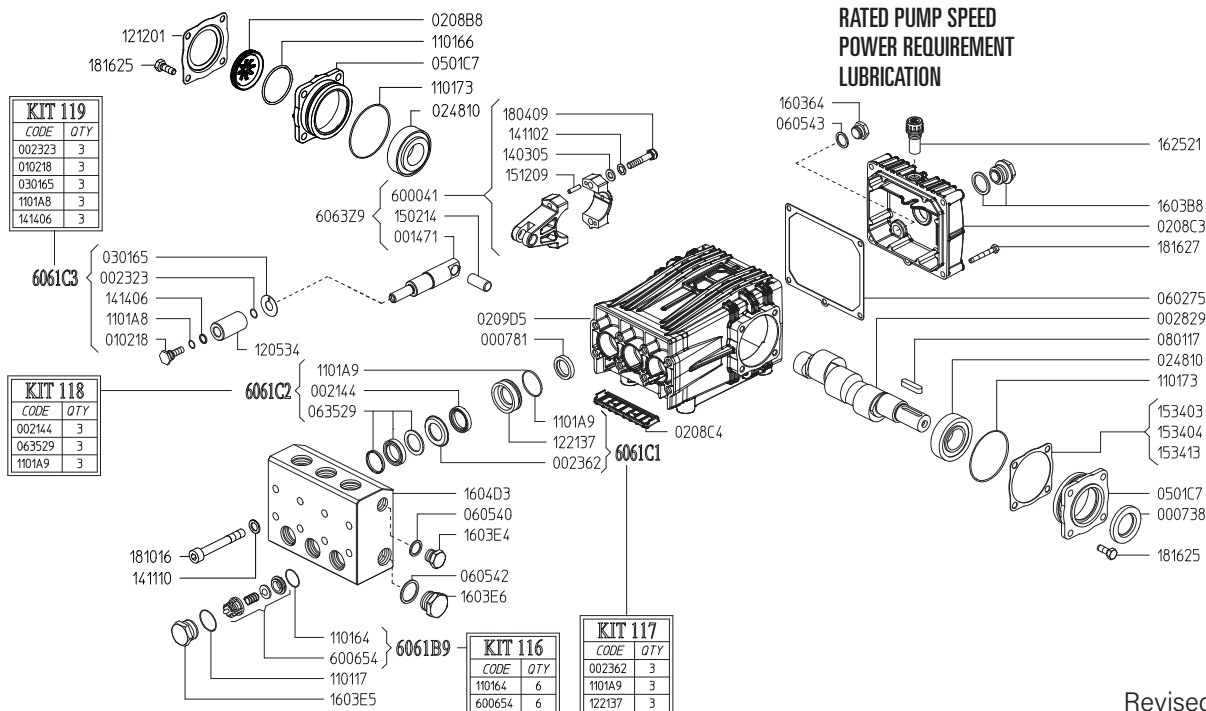
	Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
		GPM	l/min	PSI	bar		Stroke	Code				
1450 RPM	CSC 27/20 S	7.1	27.0	2900	200	28mm	11.0mm	P	13.8 EBHP	6061.C2	6061.B9	43 lbs
	CSC 34/20 S	9.0	34.0	2900	200	28mm	13.5mm	N	17.4 EBHP	6061.C2	6061.B9	43 lbs
	CSC 42/17 S	11.6	44.0	2465	170	28mm	17.0mm	X	19.5 EBHP	6061.C2	6061.B9	44 lbs
	CSC 50/15 S	13.2	50.0	2175	150	28mm	19.0mm	Y	19.5 EBHP	6061.C2	6061.B9	44 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

9.0 GPM / 34 L/MIN
3000 PSI / 200 BAR
1450 RPM
17.5 HP ELECTRIC
34.5 OZ UDOR LUBE



Revised 4-24-2025

Part #	Description	Qty	Part #	Description	Qty
0007.38	OIL SEAL D30	1	1403.05	WASHER D8.4	6
0007.81	OIL SEAL D20	3	1411.02	SERRATED WASHER D8	6
0014.71	PLUNGER GUIDE D28 "CS"	3	1411.10	SERRATED WASHER D10	8
0021.44	WATER SEAL L.P. D28 BPE ^C	3	1414.06	WASHER D13.4 SS ^D	3
0023.23	RING D10.4 ^D	3	1502.14	PIN D14X32	3
0023.62	UPPER RING D28 "CS" SS ^B	3	1512.09	PLUG D5X20 UNI1707	6
0028.29	MALE SHAFT D24	1	1534.03	SHIM 0.1 MM	-
0102.18	PLUNGER BOLT SS ^D	3	1534.04	SHIM 0.2 MM	-
0208.B8	OIL SIGHT GLASS	1	1534.13	SHIM 0.05 MM	-
0208.C3	BACK COVER "C/CK"	1	1603.64	PLUG G3/8	1
0208.C4	COVER "C/CK"	1	1603.B8	OIL PLUG G3/4 + GASKET	1
0209.D5	CRANKCASE "C/CK/CH/CS"	1	1603.E4	PLUG G1/2 SS	1
0248.10	ROLLER BEARING D30	2	1603.E5	VALVE PLUG "CS" PISTON D28 SS	6
0301.65	DISC "CS" SS ^D	3	1603.E6	PLUG G3/4 SS	1
0501.C7	BEARING FLANGE	1	1604.D3	HEAD "CS" PISTON D28 SS	1
0602.75	BACK COVER GASKET	1	1625.21	OIL PLUG G3/8	1
0605.40	GASKET D21.5	1	1804.09	HEX BOLT M8X40	6
0605.42	GASKET D27	1	1810.16	ALLEN BOLT M10X90 SS	8
0605.43	GASKET D17	1	1816.25	HEX BOLT M8X20 SS	8
0635.29	HIGH PRESS. SEAL KIT D28 ^C	3	1816.27	HEX BOLT M6X45 SS	5
0801.17	KEY A8X7X35 UNI6604	1	6000.41	ROD ASSEMBLY	3
1101.06	O-RING - OIL SIGHT GLASS	1	6006.54	VALVE ASSY "CS" W/O O-RING ^A	6
1101.17	O-RING D22,23 (RIF.130)	6	6061.B9	VALVE KIT "CS" (KIT 116)	
1101.64	O-RING D20,24 (RIF. 3081) 90SHORE ^A	6	6061.C1	SS RING KIT D28 "CS" (KIT 117)	
1101.73	O-RING D67,95 (RIF.3268)	2	6061.C2	WATER SEAL KIT D28 (KIT 118)	
1101.A8	O-RING D9,25 (RIF.2037) ^D	3	6061.C3	PLUNGER KIT D28 "CS" (KIT 119)	
1101.A9	O-RING D37,77 (RIF.3150) ^{B,C}	3			
1205.34	CERAMIC PLUNGER D28	3			
1212.01	RETAINER - OIL SIGHT GLASS	1			
1221.37	PRESSURE RING D28 "CS" SS ^B	3			

^A Parts in 6061.B9 (Kit 116).

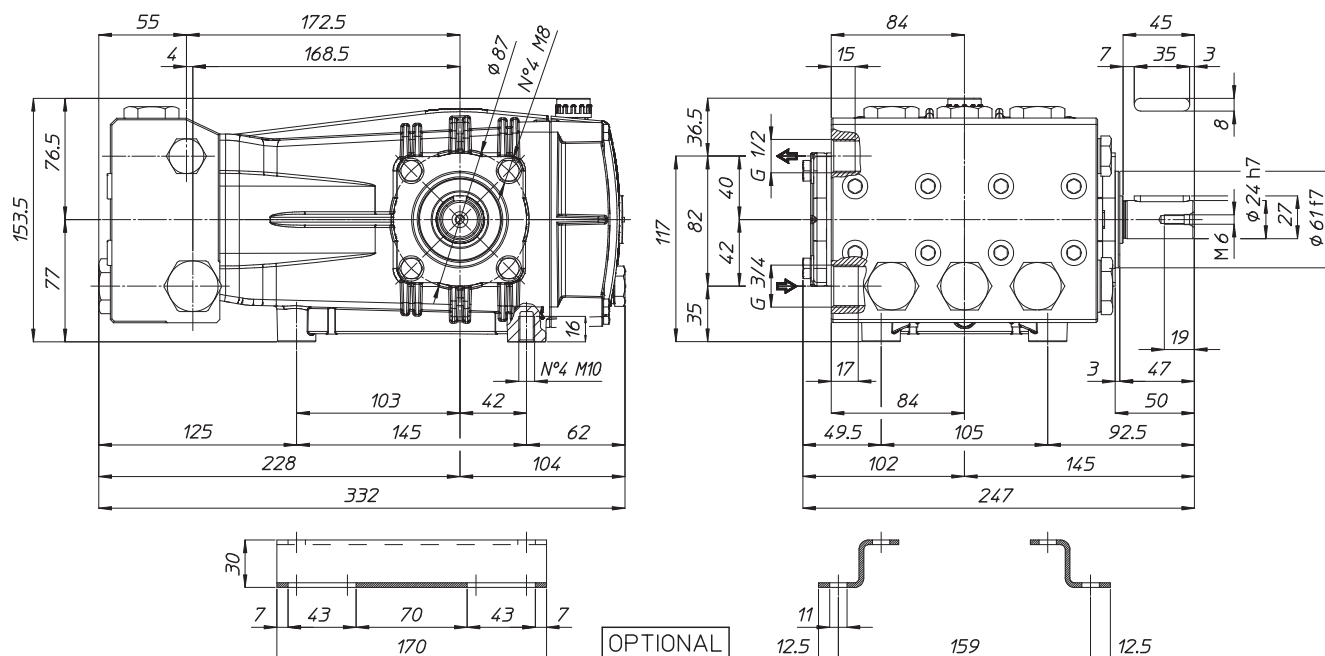
^B Parts in 6061.C1 (Kit 117).

^C Parts in 6061.C2 (Kit 118).

^D Parts in 6061.C3 (Kit 119).

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

CS SERIES PUMPS BELOW 10 GPM



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	-

