

- 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.

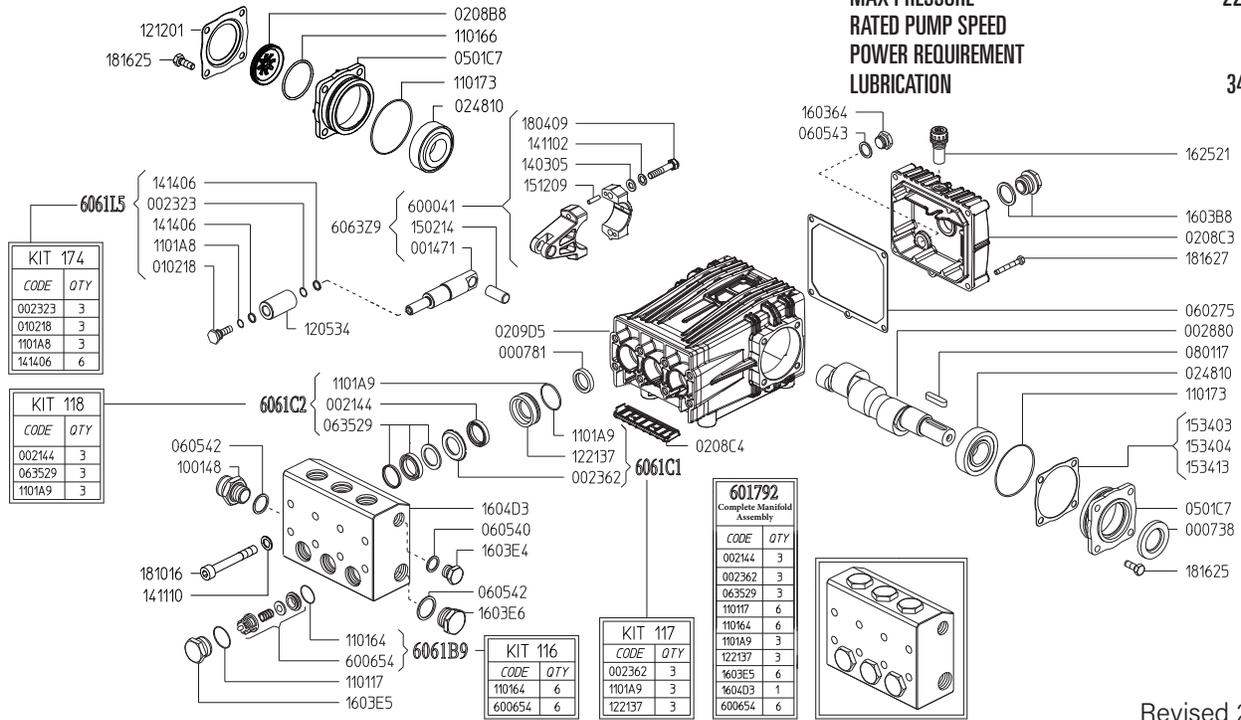
| | Model | Flow | | Pressure | | Plunger Dia. | Crankshaft | | Power | Seal Kit | Valve Kit | Wt. |
|-------------|--------------------|------|-------|----------|-----|--------------|------------|------|-----------|----------|-----------|--------|
| | | GPM | l/min | PSI | bar | | Stroke | Code | | | | |
| 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

13.2 GPM 50 L/MIN
2200 PSI / 150 BAR
1450 RPM
19.5 HP ELECTRIC
34.5 OZ UDOR LUBE



Revised 2-10-2026

| Part # | Description | Qty | Part # | Description | Qty |
|---------|--|-----|---------|--|-----|
| 0007.38 | OIL SEAL D30 | 1 | 1411.02 | SERRATED WASHER D8 | 6 |
| 0007.81 | OIL SEAL D20 | 3 | 1411.10 | SERRATED WASHER D10 | 8 |
| 0014.71 | PLUNGER GUIDE D28 "CS" | 3 | 1414.06 | WASHER D13.4 SS ^D | 6 |
| 0021.44 | WATER SEAL L.P. D28 BPE ^{C E} | 3 | 1502.14 | PIN D14X32 | 3 |
| 0023.23 | RING D10.4 ^D | 3 | 1512.09 | PLUG D5X20 UNI1707 | 6 |
| 0023.62 | UPPER RING D28 "CS" SS ^{B E} | 3 | 1534.03 | SHIM 0.1 MM | - |
| 0028.80 | MALE SHAFT D24 | 1 | 1534.04 | SHIM 0.2 MM | - |
| 0102.18 | PLUNGER BOLT SS ^D | 3 | 1534.13 | SHIM 0.05 MM | - |
| 0208.B8 | OIL SIGHT GLASS | 1 | 1603.64 | PLUG G3/8 | 1 |
| 0208.C3 | BACK COVER "C/CK" | 1 | 1603.B8 | OIL PLUG G3/4 + GASKET | 1 |
| 0208.C4 | COVER "C/CK" | 1 | 1603.E4 | PLUG G1/2 SS | 1 |
| 0209.D5 | CRANKCASE "C/CK/CH/CS" | 1 | 1603.E5 | VALVE PLUG "CS" PISTON D28 SS ^E | 6 |
| 0248.10 | ROLLER BEARING D30 | 2 | 1603.E6 | PLUG G3/4 SS | 1 |
| 0501.C7 | BEARING FLANGE | 1 | 1604.D3 | HEAD "CS" PISTON D28 SS ^E | 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 | 2 | 1810.16 | ALLEN BOLT M10X80 SS | 8 |
| 0605.43 | GASKET D17 | 1 | 1816.25 | HEX BOLT M8X20 SS | 8 |
| 0635.29 | HIGH PRESS. SEAL KIT D28 ^{C E} | 3 | 1816.27 | HEX BOLT M6X45 SS | 5 |
| 0801.17 | KEY A8X7X35 UNI6604 | 1 | 6000.41 | ROD ASSEMBLY | 3 |
| 1001.48 | NIPPLE G1" M - G3/4 M | 1 | 6006.54 | VALVE ASSY "CS" W/O O-RING ^{A E} | 6 |
| 1101.06 | O-RING - OIL SIGHT GLASS | 1 | 6017.92 | COMPLETE MANIFOLD ASSEMBLY | 1 |
| 1101.17 | O-RING D22,23 (RIF.130) ^E | 6 | 6063.Z9 | COMPLETE ROD ASSEMBLY | 3 |
| 1101.64 | O-RING D20,24 (RIF. 3081) 90SHORE ^{A E} | 6 | 6061.B9 | VALVE KIT "CS" (KIT 116) | 1 |
| 1101.73 | O-RING D67,95 (RIF.3268) | 2 | 6061.C1 | SS RING KIT D28 "CS" (KIT 117) | 1 |
| 1101.A8 | O-RING D9,25 (RIF.2037) ^D | 3 | 6061.C2 | WATER SEAL KIT D28 (KIT 118) | 1 |
| 1101.A9 | O-RING D37,77 (RIF.3150) ^{B C E} | 3 | 6061.L5 | PLUNGER KIT D28 "CS" (KIT 174) | 1 |
| 1205.34 | CERAMIC PLUNGER D28 | 3 | | | |
| 1212.01 | RETAINER - OIL SIGHT GLASS | 1 | | | |
| 1221.37 | PRESSURE RING D28 "CS" SS ^{B E} | 3 | | | |
| 1403.05 | WASHER D8.4 | 6 | | | |

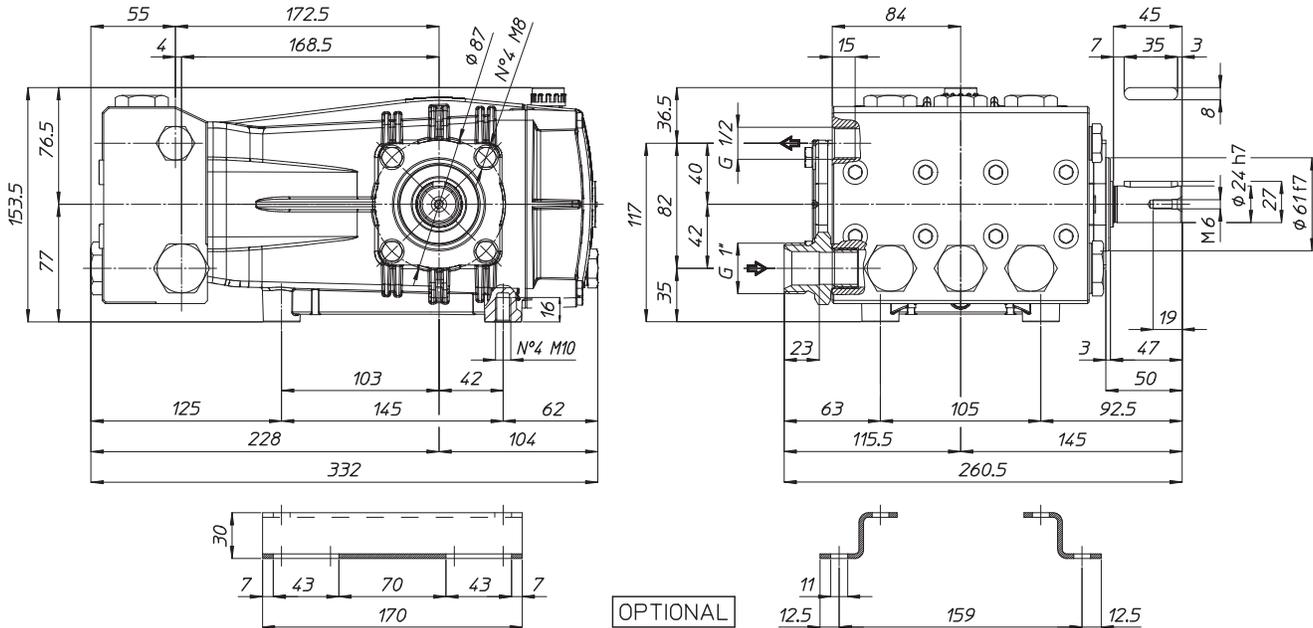
^A Parts in 6061.B9 (Kit 116)
^B Parts in 6061.C1 (Kit 117)
^C Parts in 6061.C2 (Kit 118)
^D Parts in 6061.L5 (Kit 174)
^E Parts in 6017.92 (Complete Manifold Assembly)

WEIGHT
LUBRICATION

44 LBS
34.5 OZ UDOR LUBE

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

CS SERIES PUMPS 10 GPM & OVER



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 | - |

