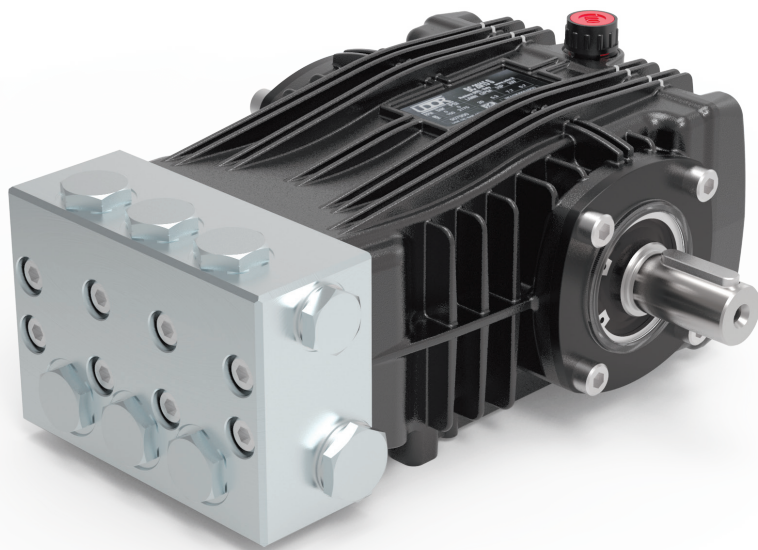




- 316 Stainless Steel Manifolds
- 316 Stainless Steel Valves
- 316 Stainless Steel Plunger Rods & Nuts
- 304 Stainless Steel Exterior Bolts
- Solid Ceramic Plungers
- PTFE Style Packings
- 15.4 oz. Capacity Vented Oil Bath Crank Case
- 1/2" BSP-F Inlet. 3/8" BSP-F Outlet
- Max Fluid Temp, 160°F

BSC Series 24mm Keyed Solid Shaft Plunger Pumps

BSC Series stainless steel plunger pumps include a wide range of models with flow rates from 4.0 to 5.5 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.

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

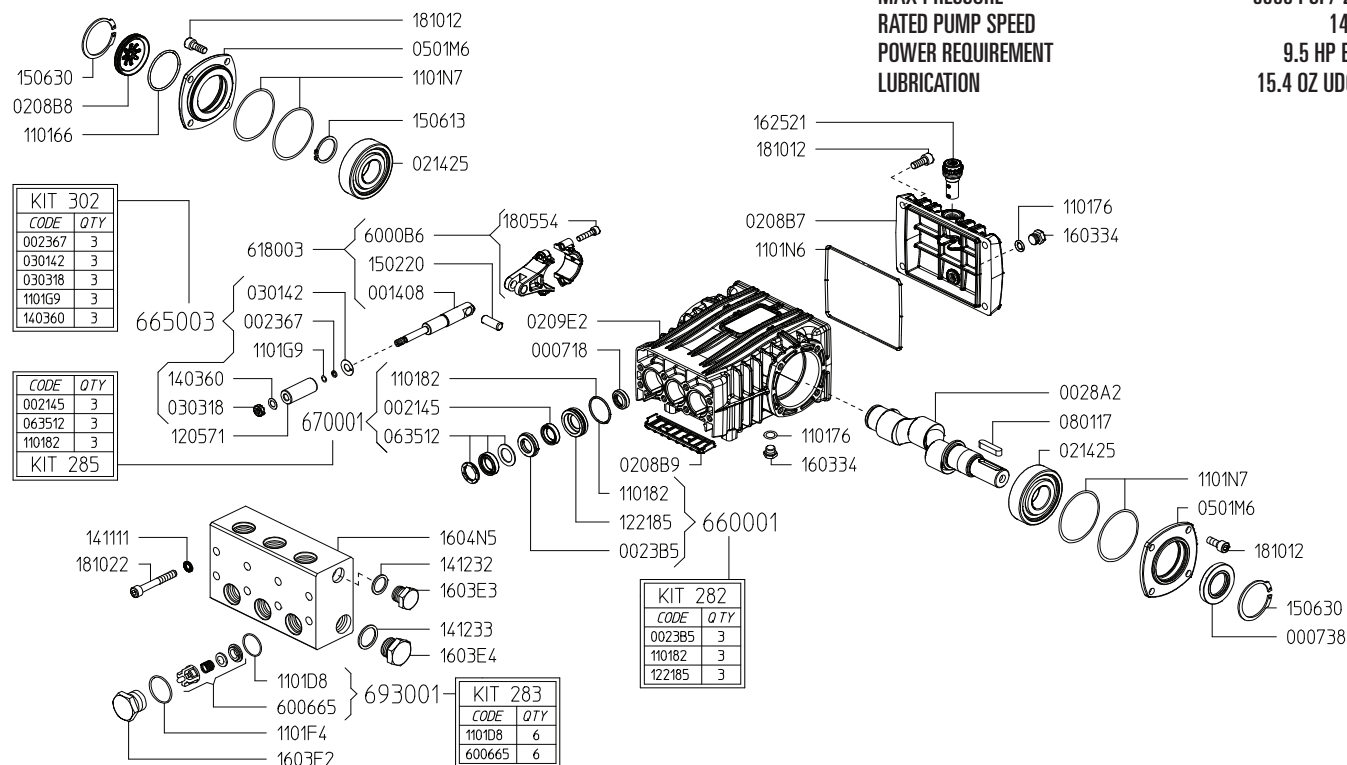
	Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
		GPM	l/min	PSI	bar		Stroke	Code				
1450 RPM	BSC 15/20 S	4.0	15.0	2900	200	18mm	14.5mm	I	7.7 EBHP	6700.01	6930.01	26 lbs
	BSC 18/20 S	4.9	18.5	2900	200	18mm	18.0mm	9	9.5 EBHP	6700.01	6930.01	26 lbs
	BSC 21/20 S	5.5	21.0	2900	200	18mm	19.0mm	Y	10.8 EBHP	6700.01	6930.01	26 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

5.0 GPM / 18 L/MIN
3000 PSI / 200 BAR
1450 RPM
9.5 HP ELECTRIC
15.4 OZ UDOR LUBE



Revised 11-11-2024

Part	Description	Qty
000718	OIL SEAL	3
000738	OIL SEAL	1
0014.08	PLUNGER ROD	3
0021.45	WATER SEAL LP D18 ^B	3
0023.67	RING D5.2X8X1.3 ^A	3
0023.B5	UPPER RING D18 SS ^D	3
0028.A2	CRANKSHAFT	1
0208.B6	OIL SIGHT GLASS	1
0208.B7	BACK COVER	1
0208.B9	PLATE	1
0209.E2	CRANKCASE	1
0214.25	BEARING	2
0301.42	SLINGER RING ^A	3
0303.18	NUT M8XH5 ^A	3
0501.M6	BEARING RETAINER	2
0635.12	HIGH PRESSURE SEAL ASS'Y D18 ^B	3
0801.17	KEY	1
0805.54	ALLEN BOLT - SS	6
1101.66	O-RING - OIL SIGHT GLASS	1
1101.76	O-RING - OIL DRAIN PLUG	2
1101.82	O-RING - PRESSURE RING ^{B D}	3
1101.D8	O-RING - VALVE ^C	3
1101.F4	O-RING - VALVE PLUG	6
1101.G9	O-RING - PLUNGER ROD ^A	3
1101.N6	O-RING - BACK COVER	1
1101.N7	O-RING - BEARING RETAINER	4
1205.71	CERAMIC PLUNGER D18	3
1221.85	PRESSURE RING D18 SS ^D	3

Part	Description	Qty
1403.60	WASHER D8 ^A	3
1411.01	SERRATED WASHER	6
1411.11	WASHER	8
1412.32	GASKET - DISCHARGE PLUG	1
1412.33	GASKET - INLET PLUG	1
14810.12	ALLEN BOLT - SS	4
1502.20	PIN	3
1506.09	SNAP RING	2
1506.13	SNAP RING	1
1603.34	OIL DRAIN PLUG	2
1603.E2	VALVE PLUG - SS	6
1603.E3	PLUG - DISCHARGE	1
1603.E4	PLUG - INLET	1
1604.N5	HEAD - SS	1
1625.21	OIL PLUG	1
1810.12	ALLEN BOLT - SS	8
1810.22	ALLEN BOLT - SS	8
6006.65	VALVE ASSEMBLY W/O O-RING ^C	3
6006.B6	CONNECTING ROD	3
6180.03	CONNECTING ROD ASS'Y COMPLETE	3
6700.01	WATER SEAL KIT (KIT 285)	1
6650.03	PLUNGER BOLT KIT (KIT 302)	1
6600.01	SS RING KIT (KIT 282)	1
6930.01	VALVE KIT (KIT 283)	1

^A Parts in 6650.03 (Kit 302).

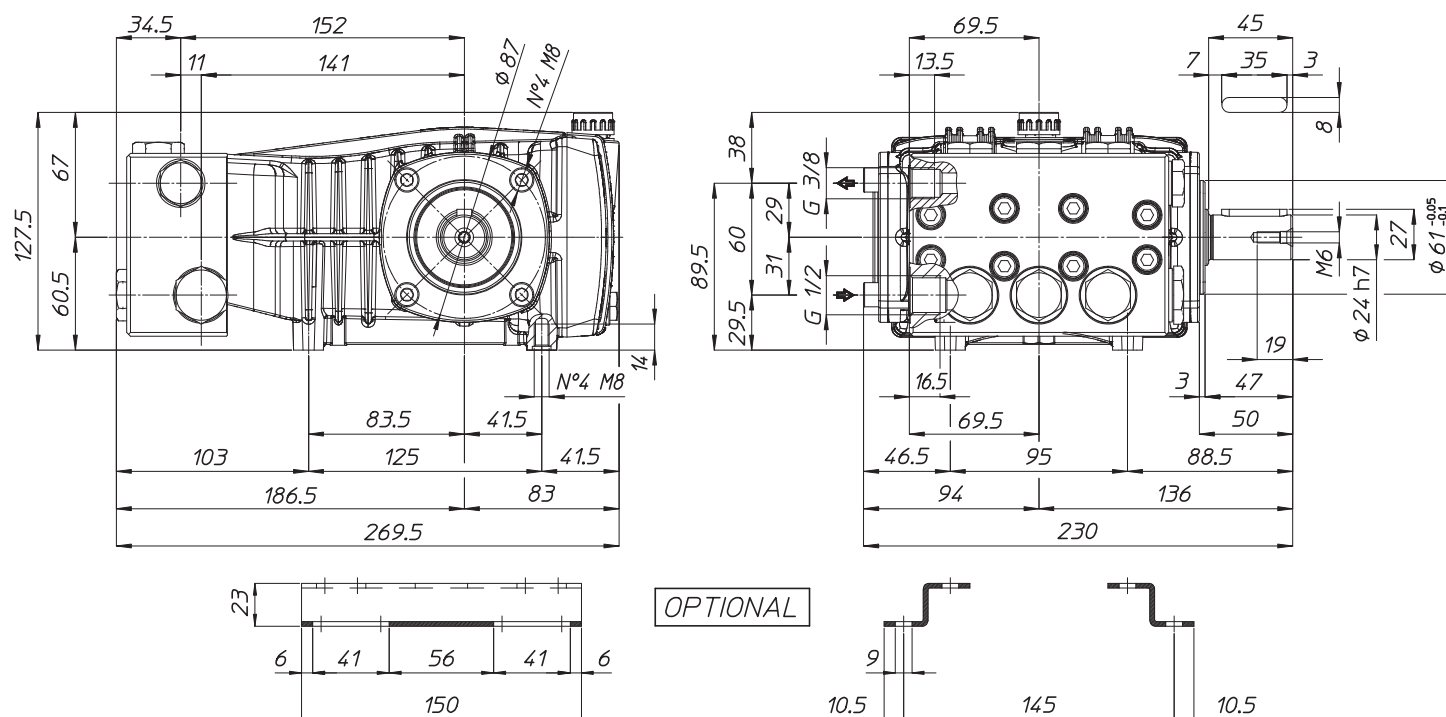
^B Parts in 6700.01 (Kit 285).

^C Parts in 6930.01 (Kit 283).

^D Parts in 6600.01 (Kit 282).

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

BS SERIES PUMPS - 24MM SOLID SHAFT



TORQUE SPECS

Ref.	Description	Ft./lb.	Nm	Loctite®
1	Head Bolts	19	25	-
2	Valve Caps	75	100	243
3	Inlet Cap	75	100	243
4	Outlet Cap	60	80	243
5	Bearing Flange Bolts	19	25	-
6	Rear Cover Bolts	19	25	-
7	Connecting Rod Bolts	9	11	243
8	Plunger Bolts	11	15	270
9	Valve Cover Bolts	-	-	-
10	Oil Drain Plug	19	25	-

