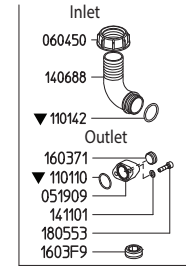
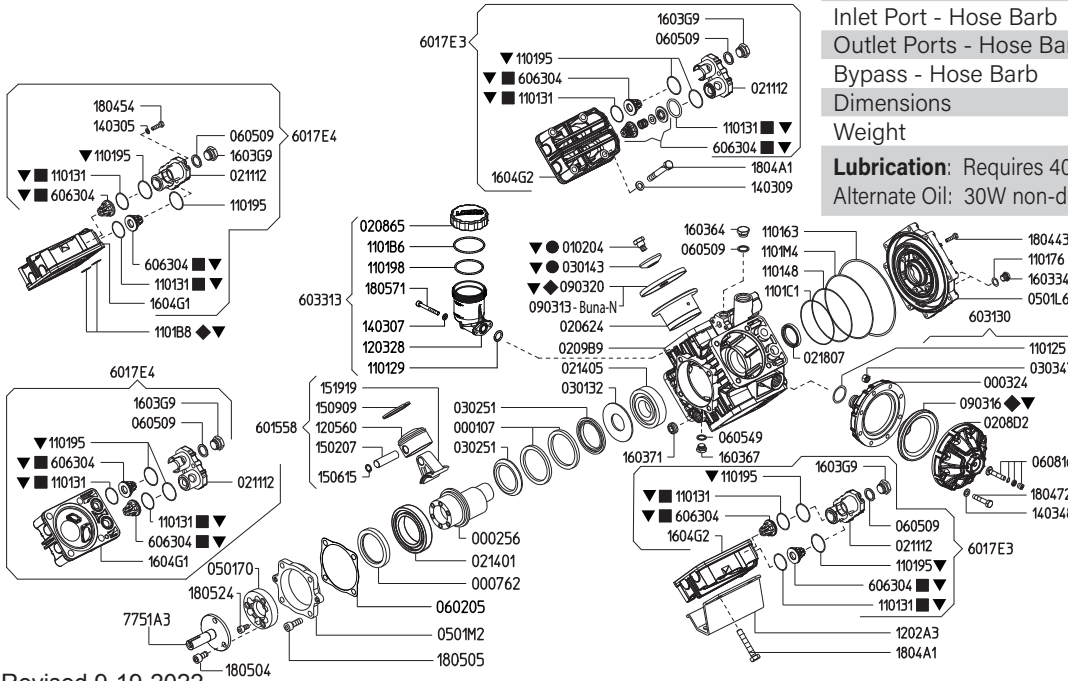


|                                 |                          |
|---------------------------------|--------------------------|
| Maximum Flow                    | 26.0 GPM / 104 LPM       |
| Maximum Pressure                | 560 PSI / 40 BAR         |
| Maximum RPM                     | 550 RPM                  |
| Inlet Port - Hose Barb          | 1-1/2" HB                |
| Outlet Ports - Hose Barb, Valve | (2) 1/2" HB              |
| Bypass - Hose Barb              | 3/4" HB                  |
| Dimensions                      | 13.5"L x 17.0"W x 13.0"H |
| Weight                          | 51 lbs                   |

**Lubrication:** Requires 40 oz. of Udor Lube 40W Premium Pump Oil.  
Alternate Oil: 30W non-detergent or 15W-40 non-detergent oil.



| 8700.80CK |     |
|-----------|-----|
| CODE      | QTY |
| 010204    | 4   |
| 030143    | 4   |
| 090316    | 1   |
| 090320    | 4   |
| 110104    | 1   |
| 110110    | 1   |
| 110131    | 8   |
| 110142    | 1   |
| 110195    | 8   |
| 110188    | 8   |
| 606304    | 8   |

| 606212<br>KIT 511 |     |
|-------------------|-----|
| CODE              | QTY |
| 010204            | 4   |
| 030143            | 4   |

| 6062E5<br>KIT 647 |     |
|-------------------|-----|
| CODE              | QTY |
| 110131            | 8   |
| 606304            | 8   |

| 870080<br>KIT 632 |     |
|-------------------|-----|
| CODE              | QTY |
| 090316            | 1   |
| 090320            | 4   |
| 110188            | 8   |

Revised 9-19-2022

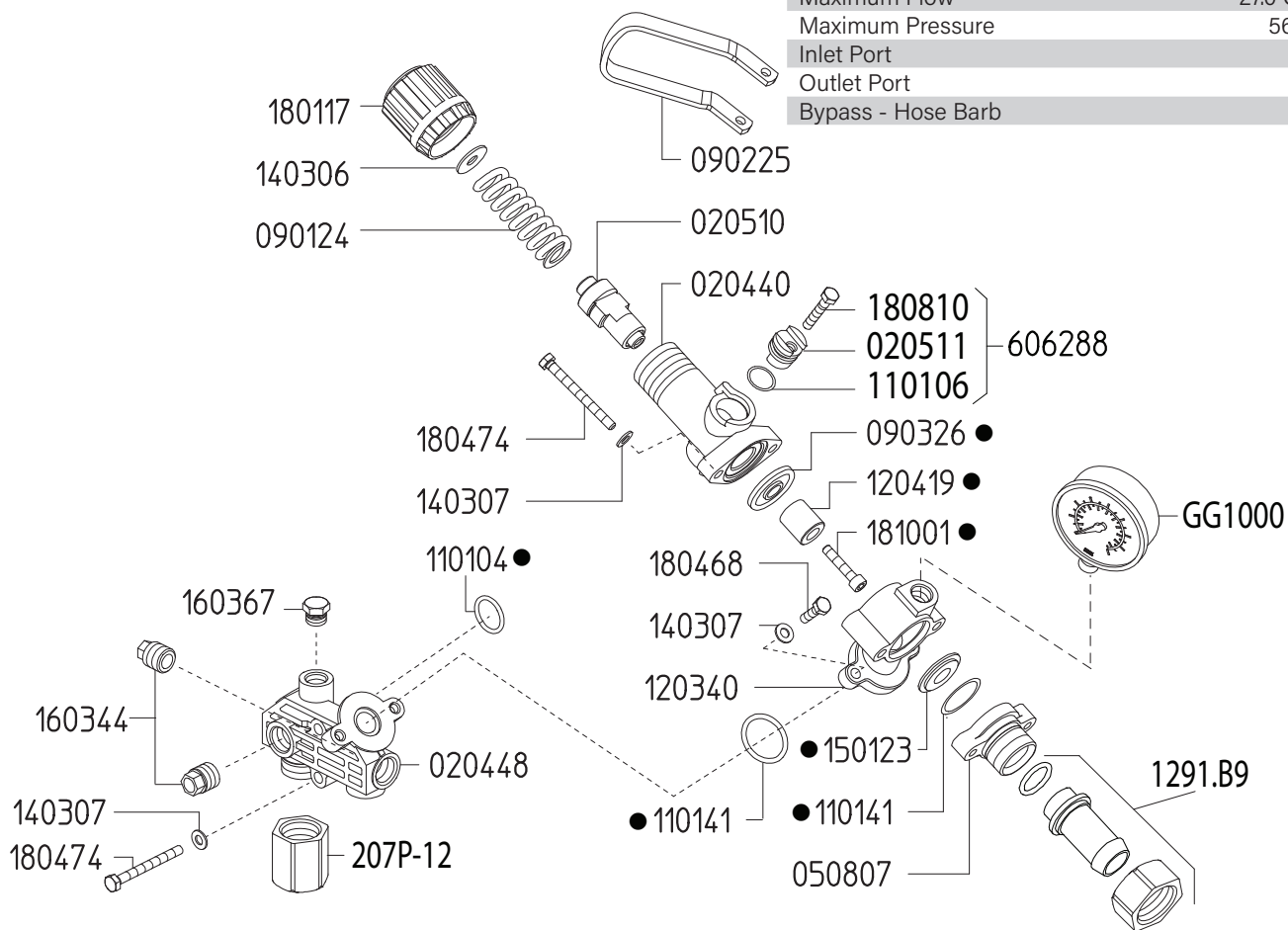
| Part #  | Description                        | Qty | Part #    | Description                              | Qty |
|---------|------------------------------------|-----|-----------|------------------------------------------|-----|
| 0001.07 | RETAINER RING                      | 2   | 1205.60   | ALUMINIUM PISTON D60                     | 4   |
| 0002.55 | SHAFT "DELTA-100" 7C               | 1   | 1403.05   | WASHER M8                                | 8   |
| 0003.24 | PRESSURE ACCUMULATOR BASE          | 1   | 1403.07   | WASHER M6                                | 2   |
| 0007.49 | OIL SEAL D35                       | 1   | 1403.09   | WASHER M10                               | 16  |
| 0102.04 | DIAPHRAGM BOLT ●▼                  | 4   | 1403.48   | WASHER M8                                | 8   |
| 0206.24 | SLEEVE D60                         | 4   | 1406.88   | HOSE BARB D38                            | 1   |
| 0208.65 | OIL RESERVOIR COVER                | 1   | 1411.01   | SERATED WASHER M6                        | 2   |
| 0208.D2 | PRESSURE ACCUMULATOR COVER         | 1   | 1502.07   | PIN D15X54                               | 4   |
| 0209.B9 | CRANKCASE "DELTA 100"              | 1   | 1506.15   | SNAP RING D15                            | 4   |
| 0211.12 | COVER                              | 4   | 1509.09   | PISTON RING D60                          | 4   |
| 0214.01 | BALL BEARING D60                   | 1   | 1519.19   | CONNECTING ROD                           | 4   |
| 0214.05 | BALL BEARING D35                   | 1   | 1603.34   | PLUG G1/4                                | 2   |
| 0218.07 | CAP D47X7                          | 1   | 1603.64   | PLUG G3/8                                | 1   |
| 0301.32 | BEARING DISC                       | 2   | 1603.67   | PLUG G1/4                                | 1   |
| 0301.43 | DIAPHRAGM DISC ●▼                  | 4   | 1603.71   | PLUG G1/2                                | 2   |
| 0302.51 | ROD SPACER                         | 2   | 1603.F9   | PLUG G3/4                                | 1   |
| 0303.47 | HEX NUT M8X8                       | 8   | 1603.G9   | HEAD PLUG 3/8                            | 4   |
| 0501.L6 | CRANKCASE FLANGE "DELTA 100"       | 1   | 1604.G1   | RIGHT HEAD                               | 2   |
| 0501.M2 | BUSHING FLANGE                     | 1   | 1604.G2   | LEFT HEAD                                | 2   |
| 0519.09 | REMOTE CONTROL FLANGE G1/2         | 1   | 1804.43   | HEX BOLT M6X35                           | 14  |
| 0602.05 | GASKET                             | 1   | 1804.54   | HEX BOLT M8X35                           | 8   |
| 0604.50 | BARB NUT G1-1/2"                   | 1   | 1804.72   | HEX BOLT M8X50                           | 6   |
| 0605.09 | GASKET D17                         | 4   | 1804.A1   | HEX BOLT M10X70                          | 16  |
| 0605.49 | GASKET D13                         | 1   | 1805.04   | ALLEN BOLT M10X20                        | 6   |
| 0608.16 | AIR VALVE ASSEMBLY                 | 1   | 1805.05   | ALLEN BOLT M10X30                        | 4   |
| 0903.13 | PISTON DIAPHRAGM D100 BUNA-N       | 4   | 1805.24   | ALLEN BOLT M8X16                         | 6   |
| 0903.16 | ACCUMULATOR DIAPHRAGM ◆▼           | 1   | 1805.71   | ALLEN BOLT M6X50                         | 2   |
| 0903.20 | PISTON DIAPHRAGM D100 GREENTECH ◆▼ | 4   | 1805.53   | ALLEN BOLT M6X22                         | 2   |
| 1101.10 | O-RING - DISCHARGE PORT ▼          | 1   | 6015.58   | ROD ASSEMBLY "DELTA 75" D60              | 4   |
| 1101.25 | O-RING - PRESSURE ACCUMULATOR      | 1   | 6017.E3   | HEAD ASSEMBLY - LEFT                     | 2   |
| 1101.29 | O-RING - OIL RESERVOIR             | 1   | 6017.E4   | HEAD ASSEMBLY - RIGHT                    | 2   |
| 1101.31 | O-RING - VALVE ■▼                  | 8   | 6031.30   | PRESSURE ACCUMULATOR                     | 1   |
| 1101.42 | O-RING - INLET HOSE BARB▼          | 1   | 6033.13   | OIL RESERVOIR ASSEMBLY                   | 1   |
| 1101.48 | O-RING - CRANKCASE FLANGE          | 2   | 6063.04   | VALVE ASSEMBLY W/O O-RING ■▼             | 8   |
| 1101.63 | O-RING - CRANKCASE FLANGE          | 1   | 6062.12   | DIAPHRAGM BOLT / WASHER (KIT 511)        | 1   |
| 1101.76 | O-RING - PLUG                      | 2   | 6062.E5   | IN/OUTLET VALVE KIT "DELTA 100"(KIT 647) | 1   |
| 1101.95 | O-RING - VALVE COVER▼              | 8   | 7751.A3   | SHAFTER ADAPTER - 1" SOLID               | 1   |
| 1101.98 | O-RING - OIL RESERVOIR             | 1   | 8700.80   | DIAPH KIT "DELTA 100" DESM (KIT 632)     | 1   |
| 1101.B6 | O-RING - OIL RESERVOIR             | 1   | 8700.80CK | COMPLETE REPAIR KIT                      | 1   |
| 1101.B8 | O-RING - HEAD◆▼                    | 8   |           |                                          |     |
| 1101.C1 | O-RING - CRANKCASE FLANGE          | 1   |           |                                          |     |
| 1101.M4 | O-RING - CRANKCASE FLANGE          | 1   |           |                                          |     |
| 1202.A3 | BASE PLATE "DELTA 100"             | 2   |           |                                          |     |
| 1203.28 | OIL RESERVOIR                      | 1   |           |                                          |     |

- Parts in 6062.12 (Kit 511)
- ◆ Parts in 6062.E5 (Kit 647).
- Parts in 8700.24 (Kit 632)
- ▼ Parts in 8700.80CK (Complete Repair Kit)

# 6047.06/IND

## Adjustable Pressure Regulator

|                    |                    |
|--------------------|--------------------|
| Maximum Flow       | 27.0 GPM / 102 lpm |
| Maximum Pressure   | 560 PSI / 38 bar   |
| Inlet Port         | -                  |
| Outlet Port        | 3/4" FPT           |
| Bypass - Hose Barb | 3/4" HB            |



Revised 1-24-2022

| Part #  | Description                  | Qty |
|---------|------------------------------|-----|
| 207P-12 | 3/4" INLET ADAPTER           | 1   |
| 0204.40 | VALVE BODY                   | 1   |
| 0204.48 | MAIN BODY                    | 1   |
| 0205.10 | VALVE CYLINDER               | 1   |
| 0205.11 | VALVE CYLINDER CAM           | 2   |
| 0508.07 | BYPASS FLANGE                | 1   |
| 0604.09 | DISCHARGE BARB NUT           | 2   |
| 0605.05 | GASKET                       | 2   |
| 0901.24 | SPRING (HIGH PRESSURE)       | 1   |
| 0902.25 | DUMP VALVE LEVER             | 1   |
| 0903.26 | DIAPHRAGM ●                  | 1   |
| 1101.04 | O-RING ●                     | 1   |
| 1101.06 | O-RING                       | 2   |
| 1101.12 | O-RING                       | 1   |
| 1101.41 | O-RING ●                     | 2   |
| 1203.40 | ADAPTER FLANGE               | 1   |
| 1204.19 | STEEL POPPET ●               | 1   |
| 1291.B9 | DISCHARGE HOSE BARB ASSEMBLY | 1   |

| Part #  | Description                            | Qty |
|---------|----------------------------------------|-----|
| 1403.06 | WASHER                                 | 1   |
| 1403.07 | WASHER                                 | 6   |
| 1501.23 | SEAT ●                                 | 1   |
| 1603.02 | PLUG                                   | 2   |
| 1603.14 | PLUG                                   | 1   |
| 1603.22 | PLUG                                   | 1   |
| 1801.17 | ADJUSTMENT KNOB                        | 1   |
| 1804.68 | BOLT                                   | 2   |
| 1804.74 | BOLT                                   | 4   |
| 1808.10 | BOLT                                   | 2   |
| 1810.01 | STAINLESS STEEL BOLT ●                 | 1   |
| 6062.53 | REPAIR KIT FOR 6047.06 CONTROL UNIT    | 1   |
| 6062.88 | REGULATOR CAM KIT                      | 2   |
| GG1000  | PRESSURE GAUGE - 1000 PSI BOTTOM MOUNT | 1   |

● Parts included in Repair Kit #6062.53

The control unit features a manual dump valve, pressure control knob, glycerine filled pressure gauge, and two ball valve discharge ports.

- Before operating or re-operating pump, push the manual dump valve lever (0902.25) down so the pump will start at zero pressure. FAILURE TO DO SO WILL VOID PUMP WARRANTY.
- Turn pressure adjusting knob (1801.17) counter-clockwise to relieve spring tension. NOTE: Step 2 applies only to initial start-up, and is not necessary in daily operation of pump.
- Start unit and let run until air is evacuated from system, when only liquid is expelled from the by-pass line.
- Return dump valve lever to the UP position. Open spray gun or spray boom and turn the pressure adjustment knob (1801.17) clockwise until desired operating pressure is achieved.

**All Dimensions are WITHOUT  
Control Unit or Regulator**

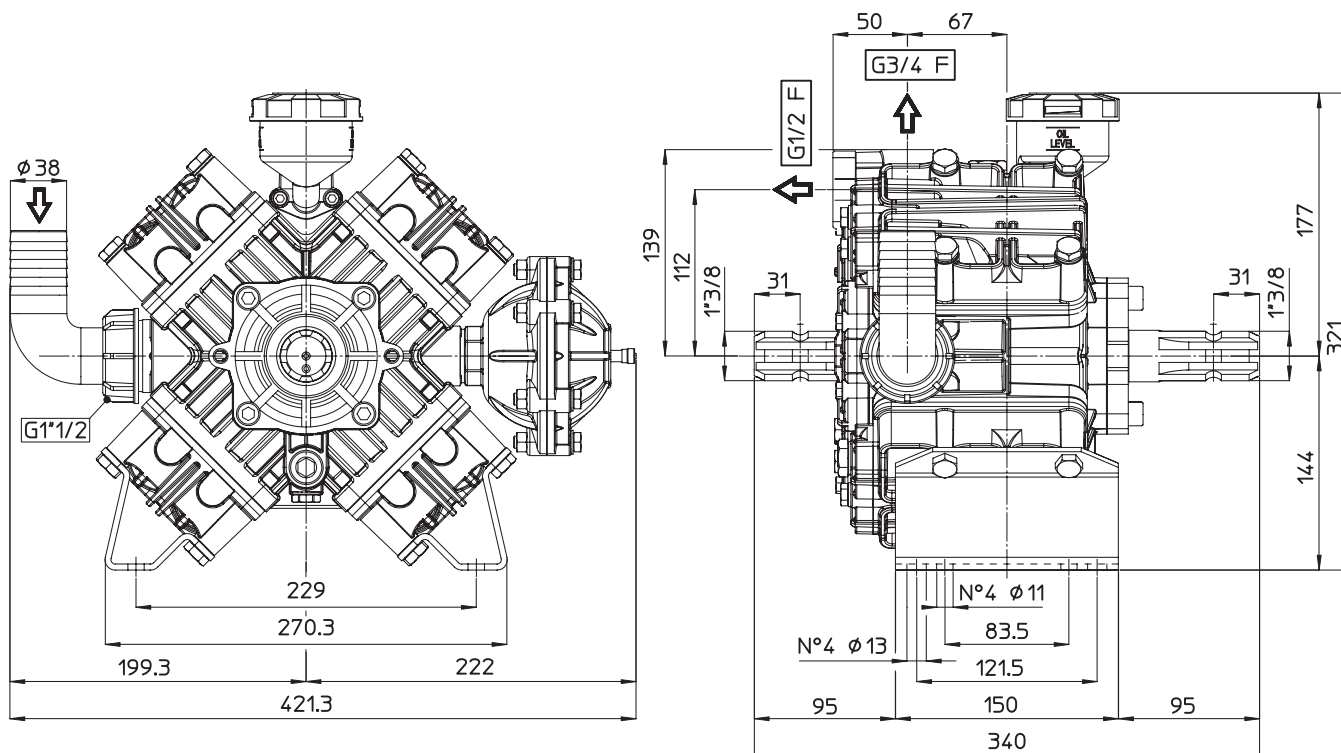
**Dimensional Drawings are  
Shown in Millimeters.  
To Convert to Inches,  
Multiply Dimension x 0.03937**

## Specifications

## DELTA 100

|                          |                              |
|--------------------------|------------------------------|
| Inlet Port - Hose Barb   | 1-1/2"HB                     |
| Outlet Ports - Hose Barb | (2) 3/4"HB                   |
| Bypass - Hose Barb       | 1" HB                        |
| Dimensions               | 13.5"L x 17.0"W x 13.0"H     |
| Diaphragm Material       | GREENTECH (Std) Buna-N (Opt) |

**Lubrication:** Requires 40 oz. of Udor Lube 40W Premium Pump Oil.  
Alternate Oil: 30W non-detergent or 15W-40 non-detergent oil.



## TORQUE SPECS

| Ref. | Description                       | Ft./lb. | Nm |
|------|-----------------------------------|---------|----|
| 1    | Diaphragm Bolts (Use Loctite 243) | 18      | 25 |
| 2    | Head Bolts                        | 30      | 40 |
| 3    | Pulsation Dampener Bolts          | 20      | 28 |
| 4    | Inlet Flange Bolts                | 7       | 10 |
| 5    | Bearing Flange Bolts              | 25      | 34 |
| 6    | Oil Cup Bolts                     | 6       | 8  |
| 7    | Valve Cover Bolts                 | 18      | 25 |

