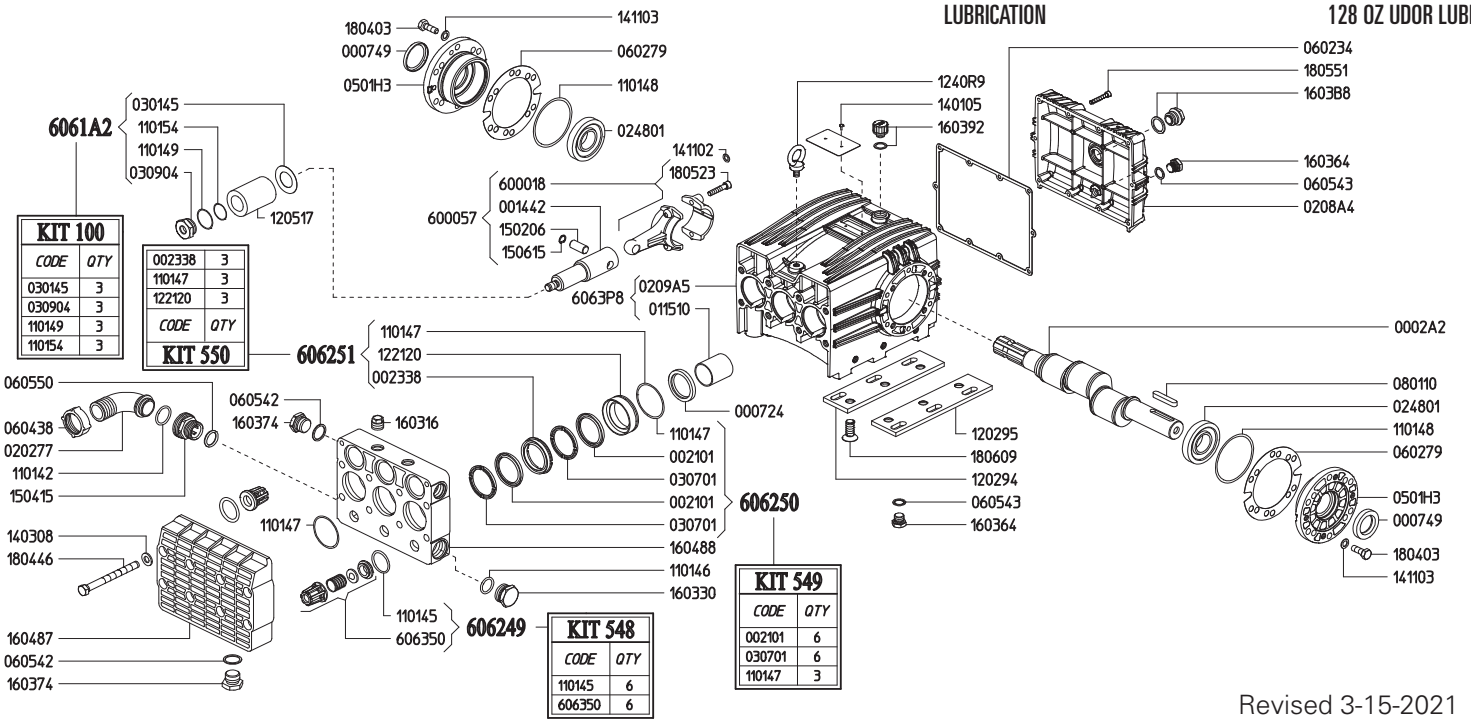
# GAMMA 125 TS1C

| | |
|---|---|
| MAX FLOW | 35.1 GPM / 133 L/MIN |
| MAX PRESSURE | 870 PSI / 60 BAR |
| RATED PUMP SPEED | 600 RPM |
| POWER REQUIREMENT | 21.0 HP ELECTRIC |
| LUBRICATION | 128 OZ UDOR LUBE |




Revised 3-15-2021

| Part # | Description | Qty |
|---|---|---|
| 0002.A2 | SHAFT TS1C | 1 |
| 0007.24 | OIL SEAL D40 | 3 |
| 0007.49 | OIL SEAL D35 | 2 |
| 0014.42 | PLUNGER GUIDE | 3 |
| 0021.01 | PISTON SEAL RING D50 [C] | 6 |
| 0023.38 | UPPER RING D50 [D] | 3 |
| 0115.10 | BUSHING D40 | 3 |
| 0202.22 | HOSE BARB D36 | 1 |
| 0208.A4 | BACK COVER | 1 |
| 0209.A5 | CRANKCASE | 1 |
| 0248.01 | ROLLER BEARING D35 | 2 |
| 0301.45 | DISC [A] | 3 |
| 0307.01 | SPACER RING D50 [B] | 6 |
| 0309.04 | NUT D50 [A] | 3 |
| 0501.H3 | BEARING FLANGE | 2 |
| 0602.34 | BACK COVER GASKET | 1 |
| 0602.79 | FLANGE GASKET | 2 |
| 0604.13 | BRASS NUT M46X2 | 1 |
| 0605.42 | GASKET D27 | 3 |
| 0605.43 | GASKET D17 | 2 |
| 0605.50 | GASKET D33 | 1 |
| 0801.10 | KEY A10X8X55 | 1 |
| 1101.42 | O-RING D32 (RIF.3832) | 1 |
| 1101.45 | O-RING - VALVE [B] | 6 |
| 1101.46 | O-RING - INLET PORT | 1 |
| 1101.47 | O-RING - SPLIT MANIFOLD | 3 |
| 1101.47 | O-RING - PRESSURE RING [C D] | 3 |
| 1101.48 | O-RING - BEARING FLANGE | 2 |
| 1101.49 | O-RING - PLUNGER BOLT OUTER [A] | 3 |
| 1101.54 | O-RING - PLUNGER BOLT INNER [A] | 3 |
| 1202.94 | LEFT BASE PLATE | 1 |
| 1202.95 | RIGHT BASE PLATE | 1 |
| 1205.17 | CERAMIC PLUNGER D50 | 3 |

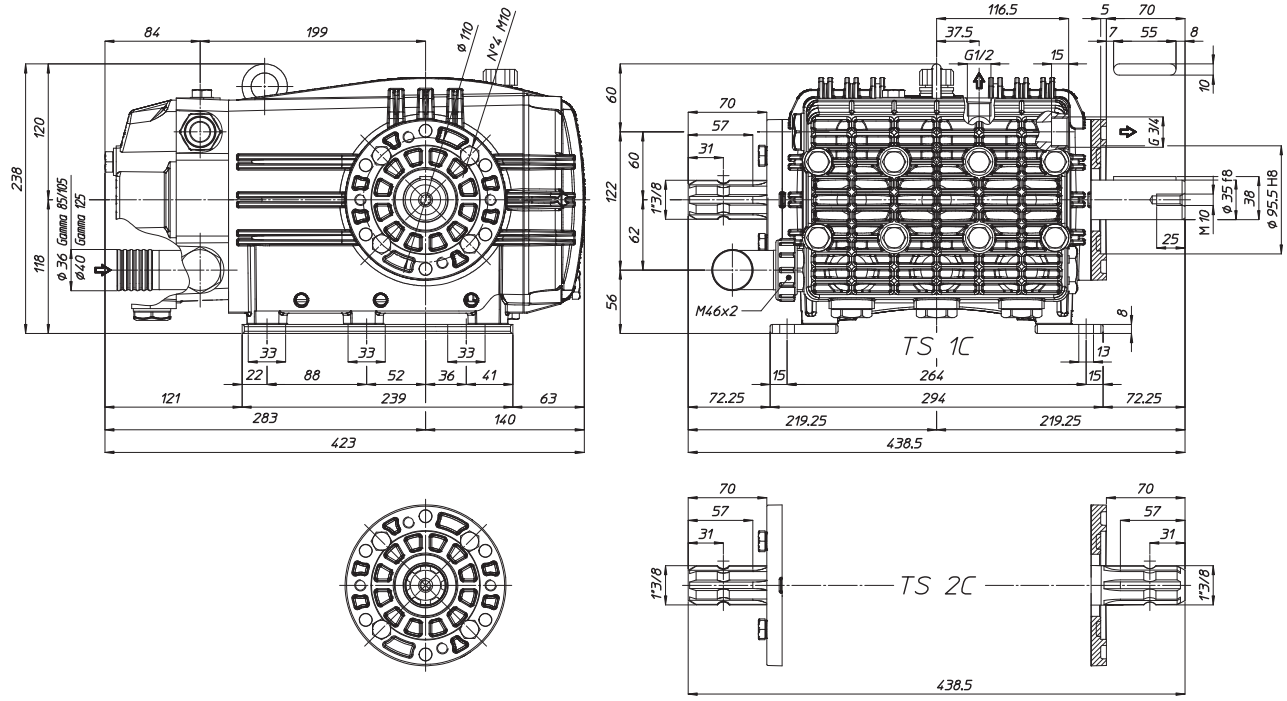
| Part # | Description | Qty |
|---|---|---|
| 1221.20 | PRESSURE RING D50 [D] | 3 |
| 1240.R9 | LIFTING HOOK M10 | 1 |
| 1401.05 | RIVET UNI7346-3,5X8 | 2 |
| 1403.08 | WASHER D13 | 8 |
| 1411.02 | SERATED WASHER D8 | 6 |
| 1411.03 | SERATED WASHER D10 | 8 |
| 1502.06 | PIN D15X32.3 | 3 |
| 1504.15 | BRASS INLET CONNECTOR | 1 |
| 1506.15 | SNAP RING D15 | 3 |
| 1603.16 | PLUG G1/2 | 2 |
| 1603.30 | PLUG G1" | 1 |
| 1603.64 | PLUG G3/8 | 2 |
| 1603.74 | PLUG G3/4 | 3 |
| 1603.92 | OIL PLUG G1/2 | 1 |
| 1603.B8 | OIL PLUG G3/4 + GASKET | 1 |
| 1604.87 | FRONT HEAD | 1 |
| 1604.88 | MIDDLE HEAD | 1 |
| 1804.03 | HEX BOLT M10X30 | 8 |
| 1804.46 | HEX BOLT M12X130 | 8 |
| 1805.23 | ALLEN BOLT M8X40 | 6 |
| 1805.51 | ALLEN BOLT M6X40 | 10 |
| 1806.09 | SCREW M14X35 | 6 |
| 6000.18 | ROD ASSEMBLY | 3 |
| 6063.50 | VALVE ASSEMBLYW/O O-RING [B] | 6 |
| 6063.P8 | CRANKCASE ASSEMBLY | 1 |
| 6061.A2 | PLUNGER KIT (KIT 100) | 1 |
| 6062.49 | IN/OUTLET VALVE KIT (KIT 548) | 1 |
| 6062.50 | WATER SEAL KIT (KIT 549) | 1 |
| 6062.51 | BRASS RING KIT (KIT 550) | 1 |

[A] Parts in 6061.A2 (Kit 100).
[B] Parts in 6062.49 (Kit 548).
[C] Parts in 6062.50 (Kit 549).
[D] Parts in 6062.51 (Kit 550).

# GAMMA 85/105/125 DIMENSIONS

WEIGHT ..... 83 LBS
LUBRICATION ..... 128 OZ UDOR LUBE
SHAFT OPTIONS
TS1C ... 1-3/8" 6-Spline Male PTO x 35mm Solid Keyed Thru-Shaft
TS2C ..... 1-3/8" 6-Spline Male PTO Thru-Shaft

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




# TORQUE SPECS

| Ref. | Description | Ft./lb. | Nm | Loctite® |
|---|---|---|---|---|
| 1 | Head Bolts | 66 | 90 | - |
| 2 | Valve Caps | - | - | - |
| 3 | Inlet Cap | 133 | 180 | - |
| 4 | Outlet Cap | 103 | 140 | 243 |
| 5 | Bearing Flange Bolts | 37 | 50 | - |
| 6 | Rear Cover Bolts | 8 | 11 | - |
| 7 | Connecting Rod Bolts | 19 | 25 | 243 |
| 8 | Plunger Bolts | 48 | 65 | 243 |
| 9 | Valve Cover Bolts | - | - | - |
| 10 | Oil Drain Plug | 8 | 11 | - |

