OMEGA 139 TS2C

Maximum Flow	37.0 GPM / 140 lpm
Maximum Pressure	725 PSI / 50 bar
Maximum RPM	550 RPM
Inlet Port	1-1/2"Hose Barb
Outlet Ports	(2) 1/2" Hose Barb Valve, 3/4" FPT
Bypass	1" Hose Barb
Dimensions	13"L x 7.85"W x 11.5"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.

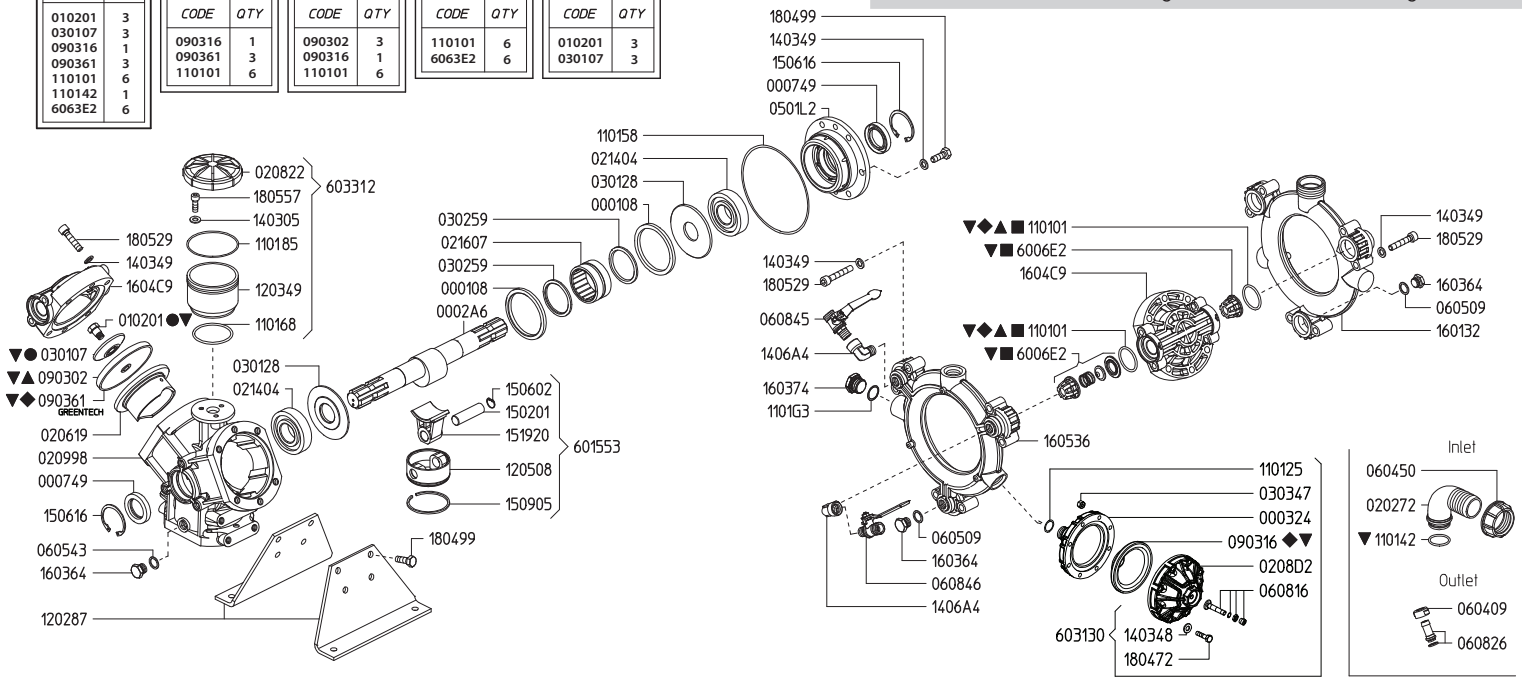
8700.30CK ▼	
CODE	QTY
010201	3
030107	3
090316	1
090361	3
110101	6
110142	1
6063E2	6

6062E8 KIT 650 ◆	
CODE	QTY
090316	1
090361	3
110101	6

6062E7 KIT 649 ▲	
CODE	QTY
090302	3
090316	1
110101	6

6062D9 KIT 642 ■	
CODE	QTY
110101	6
6063E2	6

606216 KIT 515 ●	
CODE	QTY
010201	3
030107	3



Revised 3-26-2021

Part #	Description	Qty
0001.08	RETAINER RING "ZETA 170/260"	2
0002.A6	SHAFT "ZETA 350/OMEGA" TS 2C	1
0003.10	PRESSURE ACCUMULATOR BASE	1
0007.49	OIL SEAL D35	2
0102.01	DIAPHRAGM BOLT ●▼	3
0202.72	HOSE BARB D40	1
0206.19	SLEEVE D75	3
0208.21	PRESSURE ACCUMULATOR COVER	1
0208.22	OIL RESERVOIR COVER	1
0209.98	CRANKCASE	1
0214.04	BALL BEARING D35	2
0216.07	ROLLER BEARING D55	1
0301.07	DIAPHRAGM DISC "ZETA/KAPPA 121/151" ●▼	3
0301.28	ROD DISC "ZETA 170/200/260/300"	2
0302.59	ROD SPACER "ZETA 230/260"	2
0303.47	HEX NUT M8X8	8
0501.L2	BUSHING FLANGE "OMEGA 135/139"	1
0604.09	BRASS NUT G1/2	1
0604.50	BARB NUT G1-1/2"	1
0605.09	GASKET D17	2
0605.43	GASKET D17	1
0608.16	AIR VALVE ASSEMBLY	1
0608.26	HOSE BARB D13+GASKET	1
0608.45	BALL VALVE RIGHT	1
0608.46	BALL VALVE LEFT	1
0903.02	PISTON DIAPHRAGM D116 BUNA-N ▲	3
0903.16	ACCUMULATOR DIAPHRAGM ▲◆▼	1
0903.61	PISTON DIAPHRAGM D116 GREENTECH◆▼	3
1101.01	O-RING - VALVE ▲■◆▼	6
1101.25	O-RING - ACCUMULATOR	1
1101.42	O-RING - INLET HOSE BARB▼	1
1101.58	O-RING - BEARING FLANGE	1
1101.68	O-RING - OIL RESERVOIR	1
1101.85	O-RING - OIL RESERVOIR	1
1101.G3	O-RING - PLUG	1

Part #	Description	Qty
1202.87	BASE PLATE	2
1203.49	OIL RESERVOIR	1
1205.08	ALUMINIUN PISTON D75	3
1403.05	WASHER M8	11
1403.49	WASHER M10	36
1406.A4	ELBOW G3/8 M - G3/8 F	2
1502.01	PIN D18X64	3
1506.02	SNAP RING D18	3
1506.16	SNAP RING D55	2
1509.05	PISTON RING D75	3
1519.20	CONNECTING ROD	3
1601.32	SUCTION MANIFOLD	1
1603.64	PLUG G3/8	3
1603.74	PLUG G3/4	1
1604.C9	HEAD	3
1605.36	OUTLET MANIFOLD	1
1804.54	HEX BOLT M8X35	8
1804.99	HEX BOLT M10X25	8
1805.29	ALLEN BOLT M10X55	30
1805.57	ALLEN BOLT M8X22	3
6006.E2	VALVE ASSEMBLY W/O O-RING ■▼	6
6015.53	ROD ASSY "OMEGA 135" D75	3
6031.02	PRESSURE ACCUMULATOR ASSEMBLY	1
6033.12	OIL RESERVOIR ASSEMBLY	1
6062.16	DIAPHRAGM BOLT/WASHER KIT (KIT 515)	1
6062.D9	IN/OUTLET VALVE KIT (KIT 642)	1
6062.E7	DIAPHRAGM KIT - BUNA-N (KIT 649)	1
6062.E8	DIAPHRAGM KIT - GREENTECH (KIT 650)	1
8700.30CK	COMPLETE REPAIR KIT	1

● Parts in 6062.16 (Kit 515)
■ Parts in 6062.D9 (Kit 642)
▲ Parts in 6062.E7 (Kit 649)
◆ Parts in 6062.E8 (Kit 650)
▼ Parts in 8700.30CK Complete Repair Kit)

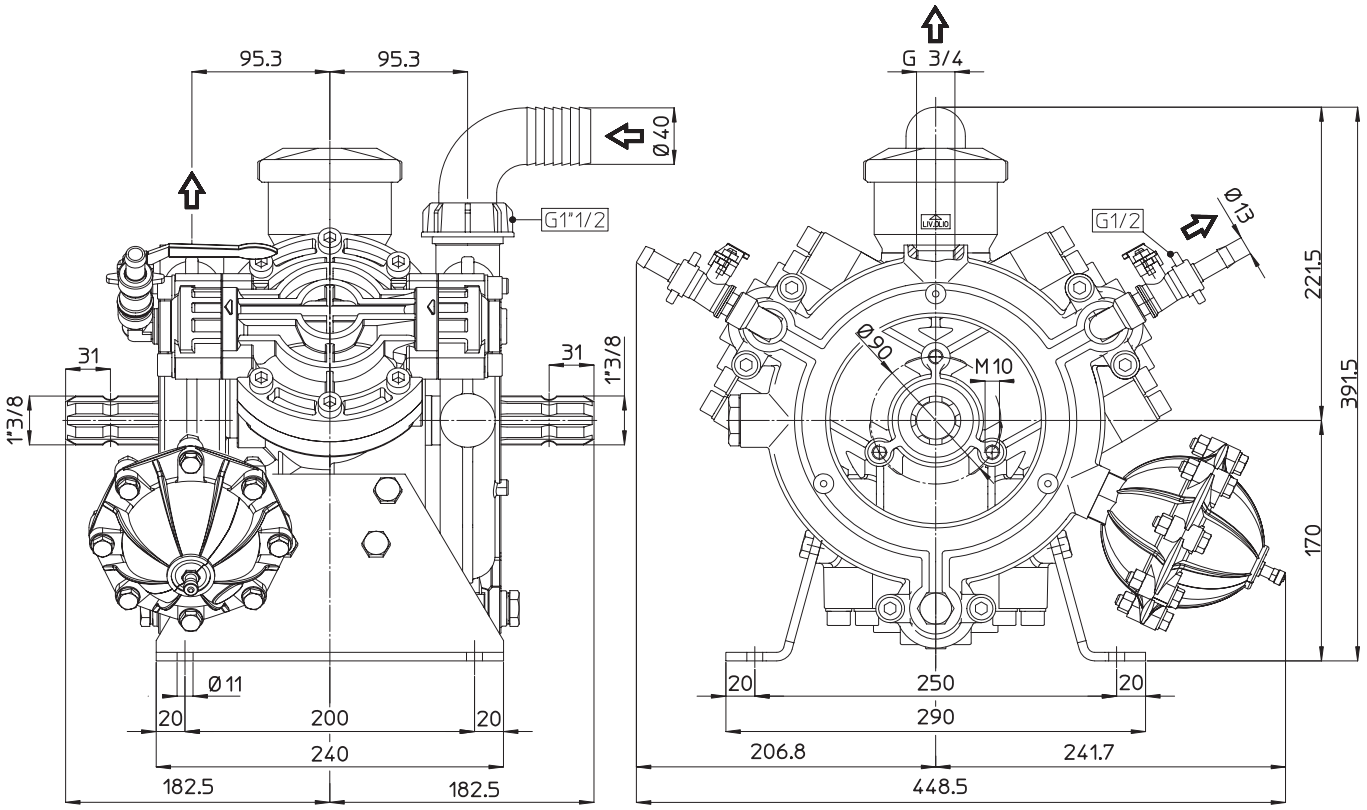
OMEGA 139 DIMENSIONS

All Dimensions are WITHOUT Control Unit or Regulator

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

Specifications	OMEGA 139
Inlet Port - Hose Barb	1-1/4"HB
Outlet Ports - Hose Barb	(2) 1/2"HB
Bypass - Hose Barb	3/4" HB
Dimensions	13"L x 7.85"W x 11.5"H
Diaphragm Material	GREENTECH (Std) Buna-N (Opt)

Lubrication: Requires 54 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)	22	30
2	**Head Bolts**	63	85
3	**Pulsation Dampener Bolts**	20	28
4	**Bearing Flange Bolts**	25	34
5	**Oil Cup Bolts**	7	10
6	**Manifold Bolts - Aluminum/Brass**	22	30

