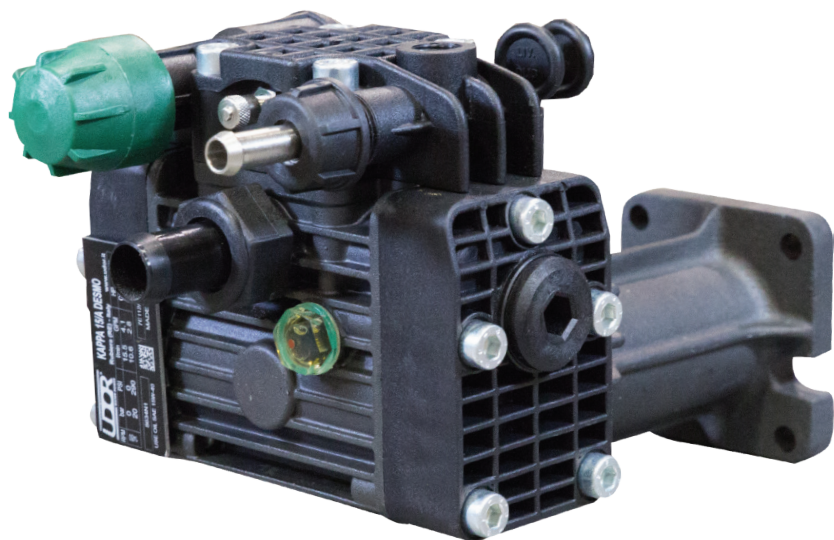




The KAPPA 7DC, 15DC & 18DC are internally manifolded, two diaphragm pumps with pulsation dampener, Anodized aluminum and glass-filled nylon construction. Additional pressure regulator required.

KAPPA 15 GR3/4 pumps include pulsation dampener, adjustable pressure regulator and gearbox for gas engines with 3/4" shaft

Model	GPM	l/min	PSI	bar	RPM	Drive Configuration	Weight
KAPPA 7 DC	2.0	7.6	275	20	1450	Replacement Pump for KAPPA 7 12-Volt	14 LBS
KAPPA 15 DC	3.5	13.3	275	20	1450	Replacement Pump for KAPPA 15 12-Volt	14 LBS
KAPPA 18 DC	4.2	16.0	275	20	1450	Replacement Pump for KAPPA 18 12-Volt	14 LBS
KAPPA 15 GR3/4	3.5	13.3	275	20	1450	Gear Reduction for 3/4" Shaft Gas Engine, 4-6.5 HP	17 LBS

Specifications	KAPPA 7	KAPPA 15	KAPPA 18	Description	Part #
Inlet Port			3/4" Hose Barb	Diaphragm Kit (GREENTECH)	8700.27
Outlet Ports			1/2" Hose Barb	Diaphragm Bolt & Washer Kit	6062.04
Bypass			5/8" Hose Barb	Valve Kit	6062.02
Piston Diameter			30mm	Regulator Repair Kit	6062.A9
Dimensions			7"L x 7.5"W x 6.5"H	Complete Repair Kit	8700.27CK

Lubrication: Requires 4 oz. of Udor Lube 40W Premium Pump Oil.
Alternate Oil: 30W non-detergent or 15W-40 non-detergent oil.



8700.27CK	
CODE	QTY
010202	2
030137	2
090305	2
090344	1
110106	1
110111	2
110178	4
606368	4

870027 KIT 630	
CODE	QTY
090344	1
090305	2
110111	2
110178	4

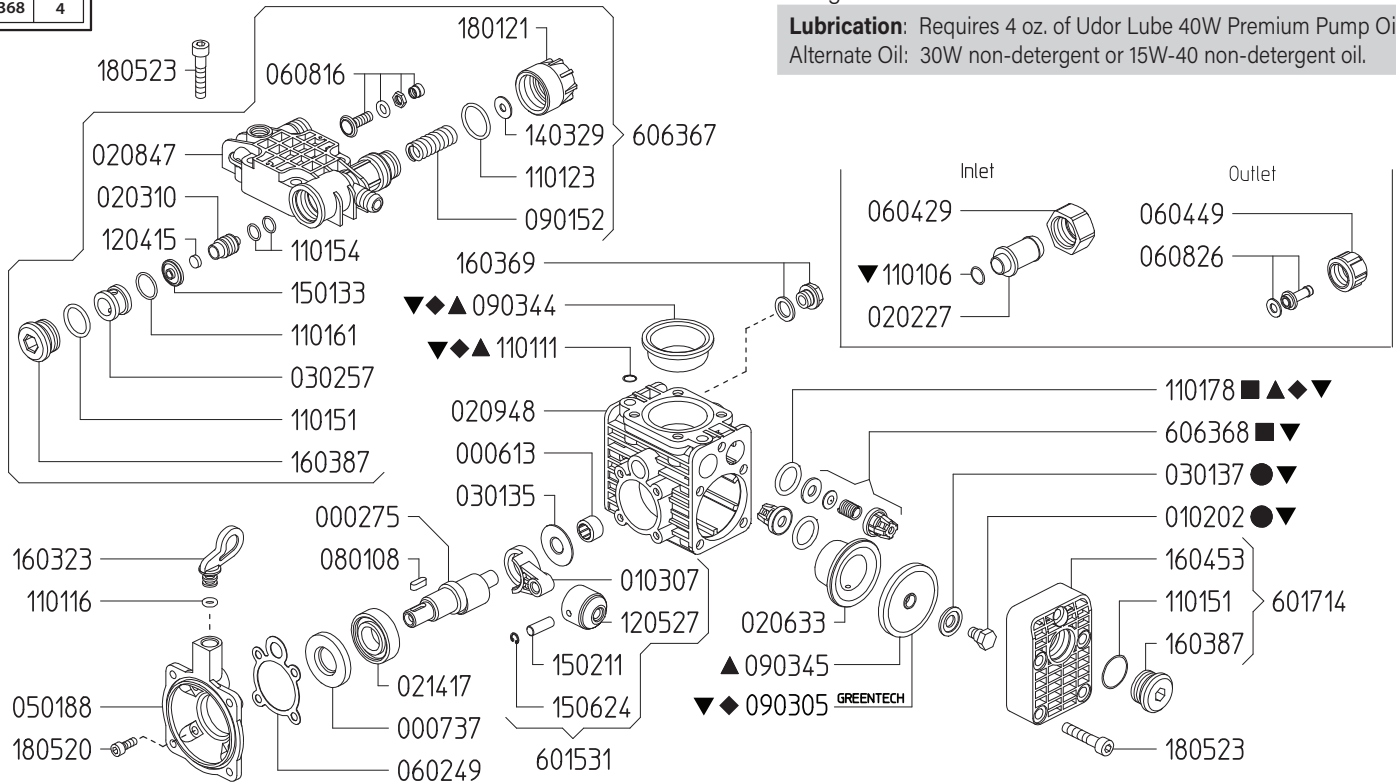
606201 KIT 500	
CODE	QTY
090344	1
090345	2
110111	2
110178	4

606202 KIT 501	
CODE	QTY
110178	4
606368	4

606204 KIT 503	
CODE	QTY
010202	2
030137	2

Maximum Flow	3.5 GPM / 13.3 lpm
Maximum Pressure	275 PSI / 20 bar
Maximum RPM	1450 RPM
Inlet Port - Hose Barb	3/4" HB
Outlet Ports - Hose Barb, Valve	1/2" HB
Bypass - Hose Barb	5/8" HB
Dimensions	6.6"L x 7.28"W x 6.02"H
Weight	14 lbs

Lubrication: Requires 4 oz. of Udor Lube 40W Premium Pump Oil.
Alternate Oil: 30W non-detergent or 15W-40 non-detergent oil.

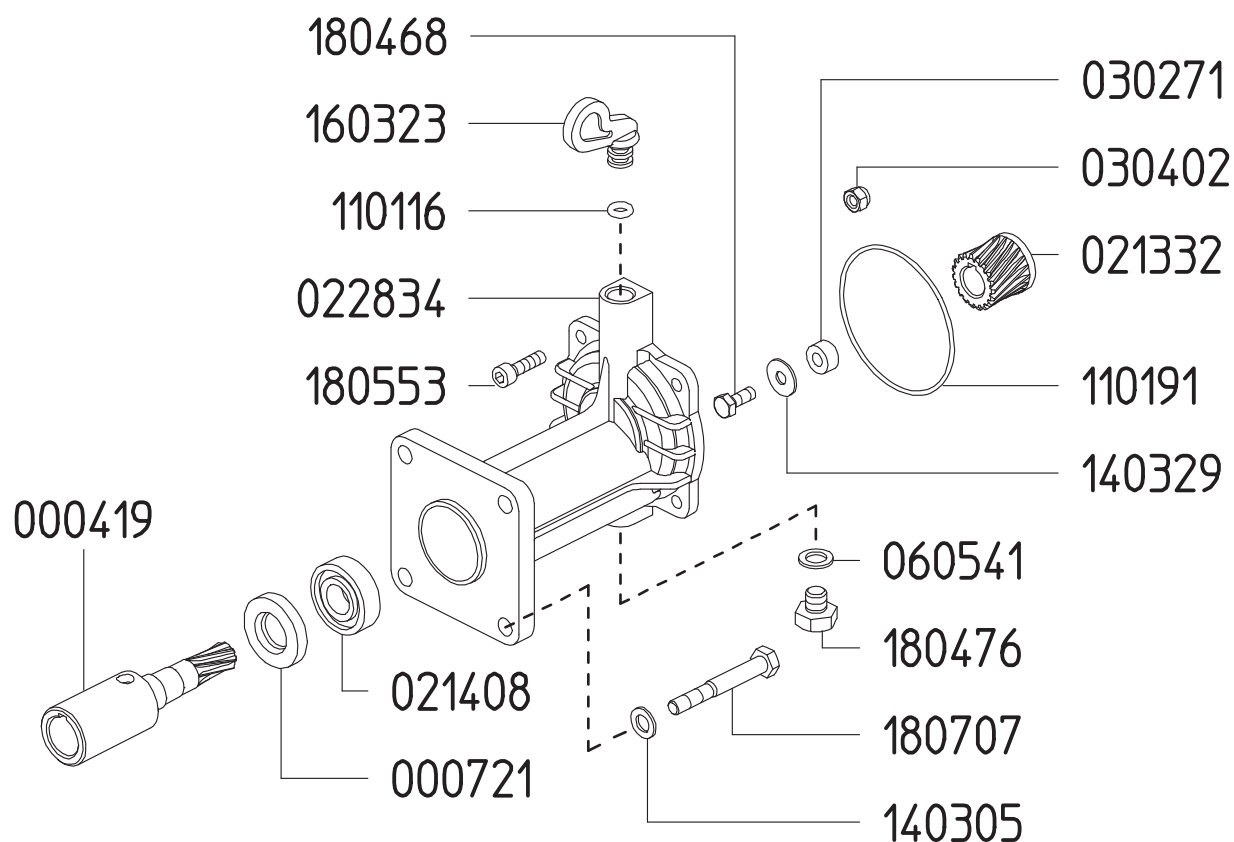


Revised 1-11-2024

Part #	Description	Qty	Part #	Description	Qty
0002.50	SHAFT "KAPPA 7"	1	1101.61	O-RING - REGULATOR	1
0006.13	BUSHING D12	1	1101.78	O-RING - VALVE▲◆◆▼	4
0007.37	OIL SEAL D20V	1	1204.15	REGULATOR POPPET	1
0102.02	DIAPHRAGM BOLT "IOTA/KAPPA 15" ●▼	2	1205.27	ALUMINIUM PISTON D30 "KAPPA 15"	2
0103.07	CONNECTING ROD "KAPPA 15"	2	1403.29	WASHER D6.5	1
0202.27	HOSE BARB D19	1	1501.33	VALVE SEAT	1
0203.10	REGULATOR VALVE COLLAR	1	1502.11	PIN D8X22	2
0206.33	SLEEVE D30 "KAPPA 15"	2	1506.24	SNAP RING D8	2
0208.47	ACCUMULATOR HEAD	1	1603.23	OIL PLUG	1
0209.48	CRANKCASE "KAPPA 15"	1	1603.69	OIL PLUG G1/4+GASKET	1
0214.17	BALL BEARING D20	1	1603.87	PLUG G3/4	3
0301.35	BEARING DISC "KAPPA 15"	1	1604.53	HEAD "KAPPA 15"	2
0301.37	DIAPHRAGM DISC "KAPPA 15" ●▼	2	1801.21	ADJUSTMENT KNOB - REGULATOR	1
0501.88	FLANGE "KAPPA 15 GR3/4"	1	1805.20	ALLEN BOLT M6X16	4
0602.49	GASKET "KAPPA 15"	1	1805.23	ALLEN BOLT M8X40	14
0604.29	BARB NUT G3/4	1	6015.31	ROD ASSY "KAPPA 15" D30	2
0604.49	BARB NUT G1/2	1	6017.14	HEAD ASSY "KAPPA 15"	2
0608.16	AIR VALVE ASSY	1	6063.67	DISCHARGE MANIFOLD ASSEMBLY	1
0608.26	HOSE BARB D13+GASKET	1	6063.68	VALVE ASSEMBLY W/O O-RING ■▼	4
0801.08	KEY A5X5X15 UNI6604-69	1	6062.01	DIAPHRAGM KIT - BUNA (KIT 500)	1
0901.52	REGULATOR SPRING	1	6062.02	IN/OUTLET VALVE KIT (KIT 501)	1
0903.05	PISTON DIAPHRAGM D56 GREENTECH ◆▼	2	6062.04	DIAPHRAGM DISC (KIT 503)	1
0903.44	ACCUMULATOR DIAPHRAGM ▲◆◆▼	1	8700.27	DIAPHRAGM KIT - GREENTECH (KIT 630)	1
0903.45	PISTON DIAPHRAGM D56 BUNA ▲	2	8700.27CK	COMPLETE REPAIR KIT	1
1101.06	O-RING - INLET HOSE BARB▼	1			
1101.11	O-RING - ACCUMULATOR HEAD ▲◆◆▼	2			
1101.16	O-RING - OIL PLUG	1			
1101.23	O-RING - REGULATOR KNOB	1			
1101.51	O-RING - PLUG	3			
1101.54	O-RING - REGULATOR	2			

- ▲ Parts in 6062.01 (Kit 500).
- Parts in 6062.02 (Kit 501).
- Parts in 6062.04 (Kit 503).
- ◆ Parts in 8700.27 (Kit 630).
- ▼ Parts in 8700.27CK (Complete Repair Kit).

**GAS ENGINE GEAR REDUCTION FOR
KAPPA-15 DIAPHRAGM PUMPS
on 3.0 - 5.5 HP GAS ENGINES with 3/4" SHAFTS**
REQUIRES 2 OZ. 90W GEAR LUBE



Revised 3-8-2022

Part #	Description	Qty
0004.19	GEAR SHAFT "S124-3/4"/S151-3/4"	1
0007.21	OIL SEAL D17	1
0213.32	RED.GEAR WHEEL Z=19 "S124"	1
0214.08	BALL BEARING D15	1
0228.34	COUPLER "S124" B&S	1
0302.71	SPACER "S124"	1
0304.02	SELF-LOCKING NUT M6	1
0605.41	GASKET D10	1
1101.16	O-RING D6 (RIF.1263)	1

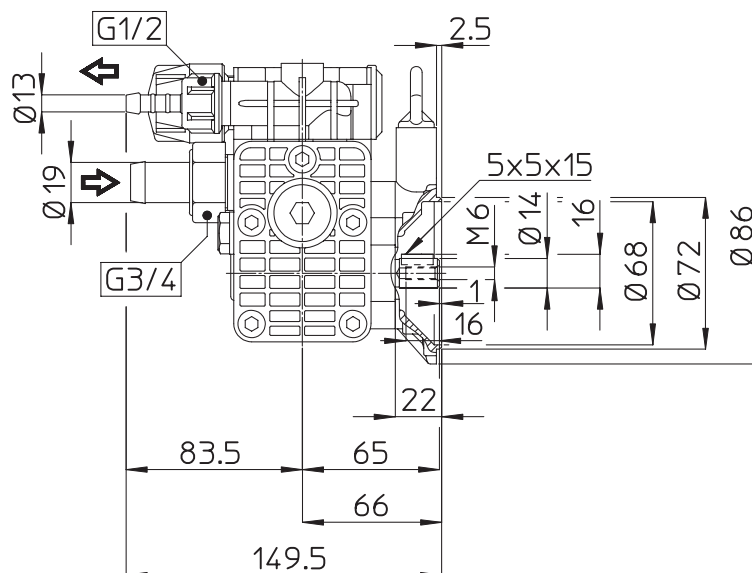
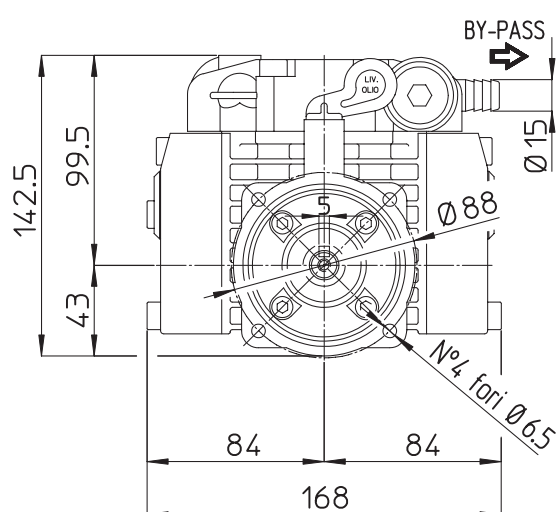
Part #	Description	Qty
1101.91	O-RING D70	1
1403.05	WASHER D8.4	4
1403.29	WASHER D6.5	1
1603.23	OIL PLUG	1
1804.68	HEX BOLT M6X22 UNI5739	1
1804.76	HEX BOLT M10X10 UNI5739	1
1805.53	ALLEN BOLT M6X22 UNI5931 DACROMET	4
1807.07	HEX BOLT 5/16X1" UNF	4

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

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

Specifications	KAPPA 7	KAPPA 15	KAPPA 18
Inlet Port - Hose Barb	3/4" HB	3/4" HB	3/4" HB
Outlet Ports - Hose Barb	1/2" HB	1/2" HB	1/2" HB
Bypass - Hose Barb	5/8" HB	5/8" HB	5/8" HB
Dimensions	7"L x 7.5"W x 6.5"H		
Diaphragm Material	GREENTECH (Std) Buna-N (Opt)		

Lubrication: Requires 4 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)	10	14
2	Head Bolts	10	14
3	Pulsation Dampener Bolts	10	14
4	Inlet Flange Bolts	-	-
5	Bearing Flange Bolts	7	10
6	Oil Cup Bolts	-	-
7	Valve Cover Bolts	-	-

