TRIPLEX

GENERAL PUMP *A member of the Interpump Group*

T Series 47 S

20 mm bore / 16 mm stroke

FEATURES

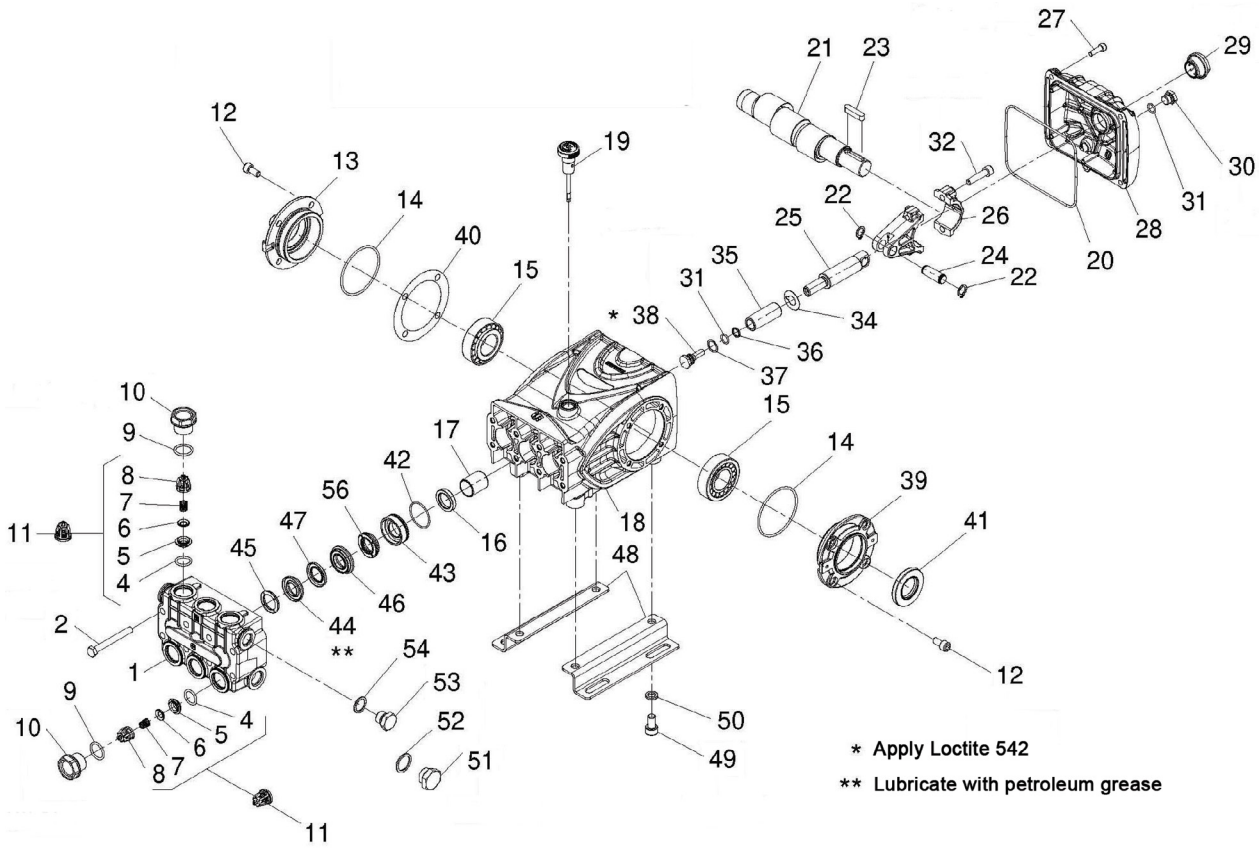
- The preferred pump frame in the pressure cleaning industry
- Forged, nickel-plated, brass manifold
- Large-capacity, die-cast, anodized aluminum oil-bath crankcase
- Over-sized connecting rods for maximum life
- Heavy-duty tapered roller bearing
- Solid ceramic plungers with continuously lubricated packings
- Unitized stainless steel inlet and discharge valves

SPECIFICATIONS

Pump Model	**TS2021**
Maximum Volume (GPM)	4.5 / 5.6
Maximum Discharge Pressure (PSI)	3500
Maximum Pump Speed (RPM)	1125 / 1450
Inlet Pressures	Flooded to 70 PSI
Plunger Bore	.787 in. / 20 mm
Plunger Stroke	.630 in. / 16 mm
Crankcase Oil Capacity	37.2 oz.
Maximum Fluid Temperature	165° F
Inlet Port Thread	1/2-14 BSPP-F
Discharge Port Thread	3/8-19 BSPP-F
Shaft Diameter	.945 in. / 24 mm
Weight	32 lbs.
Dimensions	12.50" x 9.29" x 7.09"

TRIPLEX

T Series 47S-20mm x 16 mm GENERAL PUMP *A member of the Interpump Group*



PARTS LIST

No.	Part No.	Description	Qty.
1.	47120941	Manifold, Ni. Plt.	1
2.	99320600	Screw, M8 x 70	8
4.	90384100	O-ring, Ø17.13 x 2.62	8
5.	36200366	Seat, Valve	6
6.	36200176	Plate, Valve	6
7.	94737600	Spring	6
8.	36200251	Guide, Valve	6
9.	90384700	O-ring, Ø20.29 x 2.62	6
10.	98222200	Cap, Ni. Plt (TSS2021)	6
11.	36703201	Valve Assembly	6
12.	99303900	Screw, M8 x 16	8
13.	47150122	Cover, Crankcase	1
14.	701147	O-ring, Ø67.95 x 2.62	2
15.	640047	Bearing, Roller	2
16.	90162500	Seal, Oil, Ø22 x 32 x 2.5	3
17.	90912600	Bushing, Ø22 x 25 x 30	3
18.	47010822	Crankcase	1
19.	98210600	Oil Dip Stick	1

No.	Part No.	Description	Qty.
20.	90392200	O-ring, Cover	1
21.	47021735	Crankshaft, USA	1
22.	90055700	Ring, Snap	6
23.	640048	Key	1
24.	97738000	Pin, Wrist	3
25.	47050466	Guide, Plunger	3
26.	47030001	Connecting Rod	3
27.	99188400	Screw, M6x20	5
28.	47160622	Cover, Crankcase	1
29.	47221301	Oil Indicator	1
30.	98204250	Plug	1
31.	90358500	O-ring, 10.82 x 1.78	4
32.	99309900	Screw, M8 x 35	6
34.	96728600	Washer, M14	3
35.	47040409	Plunger, 20 mm	3
36.	90506700	Ring, Back-up	3
37.	96728000	Washer	3
38.	47219566	Screw, Plunger	3

No.	Part No.	Description	Qty.
39.	47151022	Cover, Crankcase	3
40.	97567800	Shim	2
41.	90164800	Seal, Oil	1
42.	90361600	O-ring, Ø34.65 x 1.78	3
43.	47080570	Retainer, packing	3
44.	90270500	Packing	3
45.	47100051	Ring, Head, M20	3
46.	47216970	Intermed. Ring	3
47.	90270400	Restop Ring	3
48.	47200074	Pump Feet	2
49.	99364400	Screw, M10 x 18	4
50.	96710600	Washer, M10.2	4
51.	98217600	Cap	1
52.	96751400	Washer, M21.5	1
53.	98210000	Cap	1
54.	96738000	Washer, M17.5	1
56.	90271000	Seal, Low Press, 20 mm	3

GENERAL PUMP

REPAIR KITS

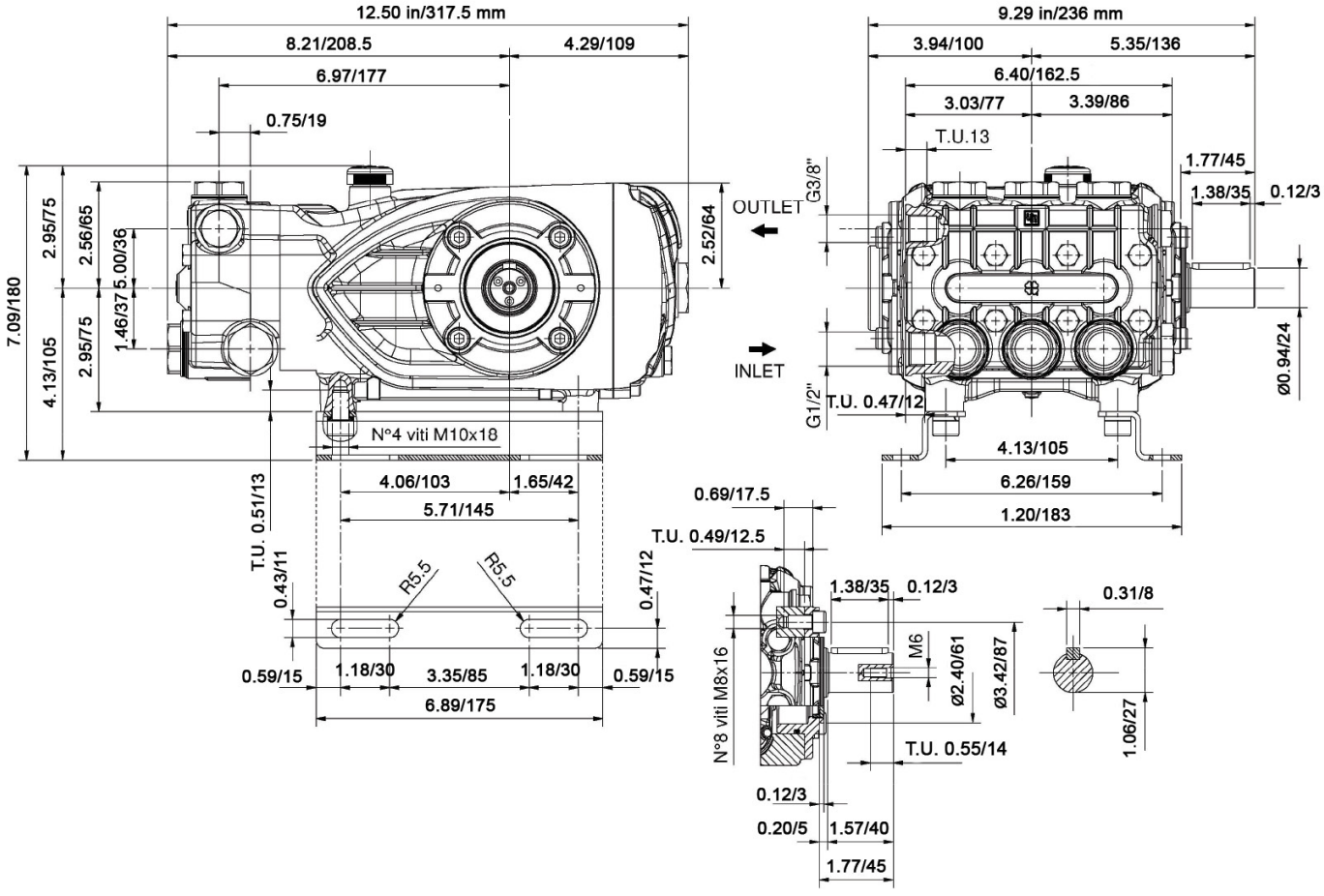
KIT NO.	1	2	3	4	5	6	7	10	28	69	71
ITEM NO's INCLUDED IN KIT	4,5,6 7,8 (11)	16	41	9, 10	9, 10	31,34,36 37,38	45	42, 43	42, 43 44, 45 46,47,56	44, 47 56	46, 47
NUMBER OF ASSEMBLIES IN KIT	6	3	2	6	6	3	6	3	1	3	3
NUMBER OF CYLINDERS KIT WILL SERVICE	3	3	-	3	3	3	3	3	1	3	3

TORQUE SPECS*

Pos.	Ft/lb	N-M
2	22.1	30
10	95.9	130
12	14.7	20
27	7.3	10
29	8.8	12
30	14.7	20
32	14.7	20
38	14.7	20
49	29.4	40
51	29.4	40
53	29.4	40

* Decrease torque by 20% if threads are lubricated

DIMENSIONAL DRAWING



WARNINGS

WARNING: High Pressure Systems require a primary pressure regulating device (i.e. regulator, unloader) and a secondary pressure relief device (i.e. pop-off valve, relief valve). Failure to install such relief devices properly could result in personal injury or damage to pump or property. GP does not assume any liability or responsibility for the operation of the user's high pressure system.

WARNING: This product can expose you to chemicals including lead, which is know to the state of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

GENERAL PUMP 1174 Northland Drive • Mendota Heights, MN 55120
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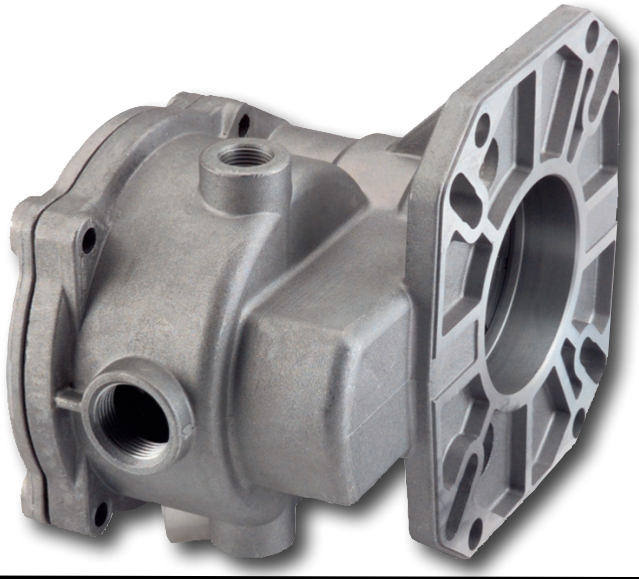
Ref 300204 Rev. S
02-26

GENERAL PUMP

GENERAL PUMP *A member of the Interpump Group*

YGR1000/1125

Gear Reducer



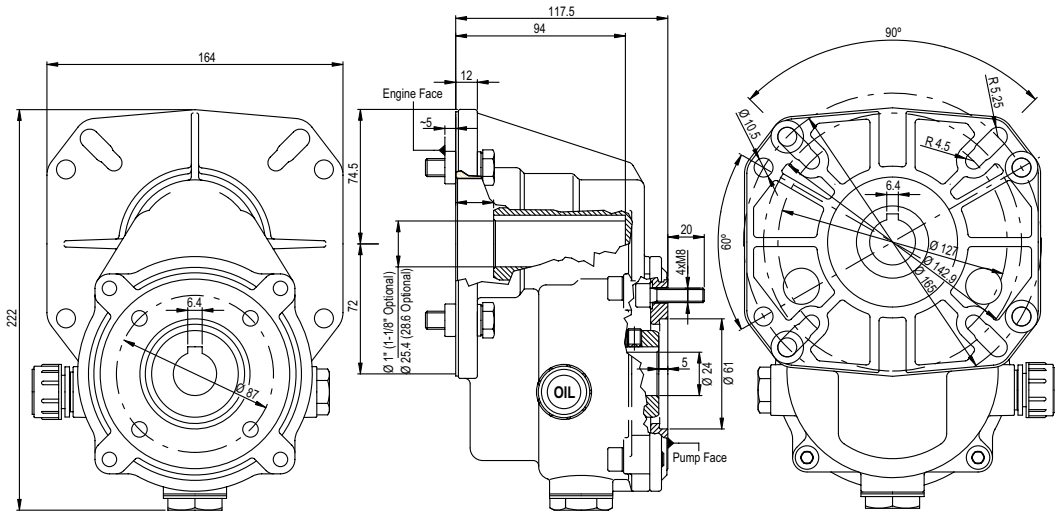
FEATURES

- Compact and lightweight
- Hardened steel helical gears for quiet operation
- Oil bath lubrication
- Dual bearing design for extended life
- J609a Flange mounts to most gasoline engines

SPECIFICATIONS

Part Number	YGR1000	YGR1000P	YGR1125	YGR1125P	YGR1125P31
Drive Ratio	2.176:1				
Horsepower	11 - 18	18 - 24	11 - 18	18 - 24	24 - 31
Input (motor) Shaft Ø”	1.0” / 25.4 mm		1.125” / 28.6 mm		
Output (pump) Shaft Ø”	24 mm				
Motor Flange (SAE)	J609A				
Pump Flange	Fits 47, 47SS and 66 Series General Pump				
Oil Grade	SAE90 Gear Lube				
Oil Capacity	10 oz				
Weight	5.8 lbs.				

DIMENSIONS



DRIVE COMPONENTS

General Pump
is a member of
the Interpump Group

Ref 300178 Rev. E
05-22

GENERAL PUMP

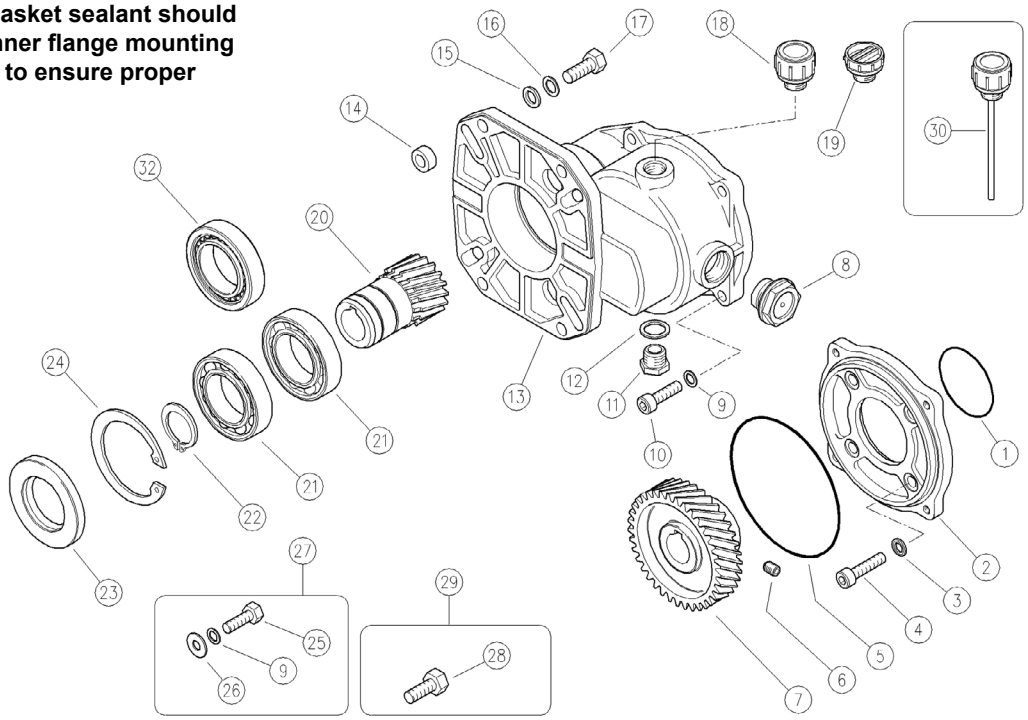
YGR1000/1125

GENERAL PUMP *A member of the Interpump Group*

Gear Reducer

PARTS LIST

NOTE: A RTV gasket sealant should be applied to inner flange mounting screws/washer to ensure proper sealing



NO.	PART #	DESCRIPTION	QTY.
1.	Y10321056	O-ring	1
2.	Y50000244	Flange	1
3.	Y14409800	Washer, 8 mm	4
4.	Y16195831	Screw, M8 x 30 mm	4
5.	Y10321111	O-ring	1
6.	Y16222300	Screw, M8x10	1
7.	Y50000365	37 Gear, 24 mm	1
8.	Y15373400	Oil Plug	1
9.	Y14365200	Washer, 8.4 mm	8
10.	Y16195826	Screw, M8x25 mm	4
11.	Y60002831	Plug, 3/8 BSP	1
12.	Y14404200	Washer, 16.7x22 mm	1
13.	Y50000144	Housing	1
14.	Y50000831	Spacer	4
15.	Y14379800	Washer, 10.5x17 mm	4
16.	Y14365300	Washer, 10.5 mmx16 mm	4
17.	Y16201000	Screw, 3/8”x1-1/4”	4

NO.	PART #	DESCRIPTION	QTY.
18.	Y15372600	Oil Plug + Seal	1
19.	Y15372500	Plastic Cap, 3/8”	1
20.	Y50000621	Gear, 1”	1
	Y50000721	Gear, 1-1/8”	1
21.	Y11444068	Bearing (standard)	2
	Y11444168	Bearing (“P” models)	2
	Y11444168	Bearing (“P31” model)	1
22.	Y10104000	Ring, Elastic, 40 mm	1
23.	Y10204072	Seal, 40 mm	1
24.	Y10107200	Ring, Elastic, 40x72 mm	1
25.	Y16200900	Screw, 5/16”x1”	4
26.	Y14357200	Washer, 8.4x21 mm	4
27.	Y50001024	Kit, 5/16” D, 127 mm	1
28.	Y16203500	Screw, M10	4
29.	Y50001124	Kit, D, 135 mm, M10	1
30.	Y15372800	Oil Plug	1
32.	Y11444568	Bearing (P31 model)	1

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