TRIPLEX

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GENERAL PUMP *A member of the Interpump Group*

47 Series SS

316 Stainless Steel Triplex Pump

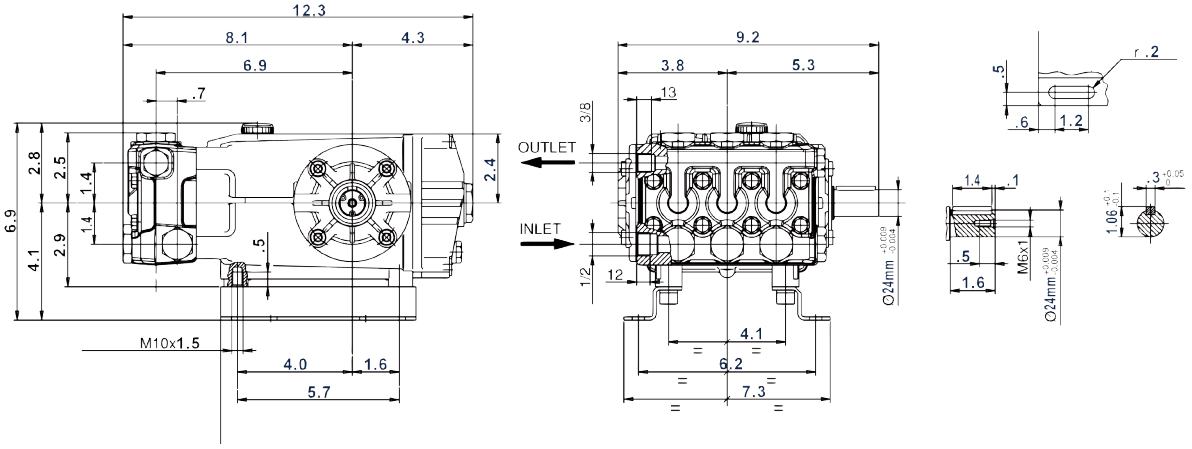
FEATURES

- 316 Stainless Steel manifold for maximum corrosion resistance
- The preferred pump frame in the pressure cleaning industry
- Solid ceramic plungers with continuously lubricated packings
- Over-sized connecting rods for maximum life
- Features patent-pending “high tech” packings:
  -dynamic low-pressure seal retainer
  -superior low-pressure seal
  -innovative intermediate ring
  -superior high-pressure seal



SPECIFICATIONS

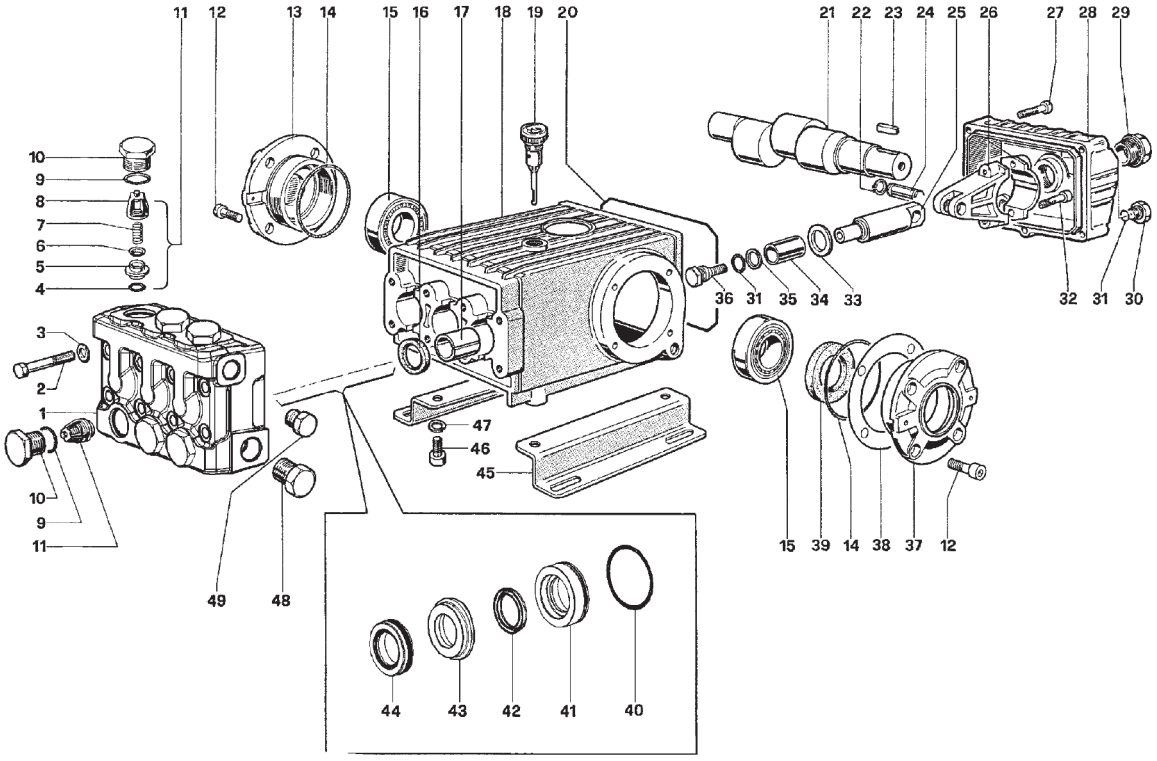
Pump Model	TS2012SS	TS2012SS Alternate Spec	TS2016SS	TS2212SS	TS2212SS Alternate Spec	TS2216SS
Maximum Volume	4.0 GPM	4.75 GPM	5.55 GPM	4.75 GPM	5.55 GPM	5.0 GPM
Maximum Discharge Pressure	2200 PSI					
Horsepower	6.0 BHP	7.2 BHP	8.4 BHP	7.2 BHP	8.4 BHP	7.5 BHP
Maximum Pump Speed	1450 RPM	1750 RPM	1450 RPM		1750 RPM	1050 RPM
Maximum Inlet Pressure	125 PSI					
Maximum Inlet Vacuum	9 ft. water / 7.9 in. Hg					
Plunger Bore	.787 in. / 20 mm			.866 in. / 22 mm		
Plunger Stroke	.472 in. / 12 mm		.630 in. / 16 mm	.472 in. / 12 mm		.630 in. / 16 mm
Crankcase Oil Capacity	40.6 oz.					
Maximum Fluid Temperature	180ºF					
Inlet Port Thread	1/2-14 BSP-F					
Discharge Port Thread	3/8-19 BSP-F					
Shaft Diameter	.945 in. / 24 mm					
Weight	31 lbs.					
Dimensions	12.25 x 9.2 x 6.9 in.					



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PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY.
1.	47121936	Manifold	1
2.	99320700	Headbolt, SS, M8 x 70	8
3.	96702200	Washer, SS, 8.4 x 15 x 1.5	8
4.	90384100	O-ring, 17.32 x 2.62	6
5.	36203666	Valve seat	6
6.	36200176	Valve poppet	6
7.	94737300	Valve spring	6
8.	36202551	Valve cage	6
9.	90384700	O-ring 20.24 x 2.62	6
10.	98223000	Valve cap, SS	6
11.	36713001	Valve assy, complete	6
12.	99303800	SHCS, M8 x 16 zinc plated	8
13.	47150122	Side cover	1
14.	90391300	O-ring, 67.95 x 2.62	2
15.	91837800	Bearing	2
16.	90162500	Oil seal, plunger rod	3
17.	90912600	Guide sleeve	3
18.	47010022	Crankcase	1
19.	98210600	Vented dipstick	1
20.	90392200	O-ring, 133.02 x 2.62	1
21.	47021835	Crankshaft, 12mm stroke	1
	47021735	Crankshaft, 16mm stroke	

ITEM	PART NO.	DESCRIPTION	QTY.
22.	90055700	Circlip	6
23.	91489000	Key	1
24.	97738000	Wrist pin	3
25.	47050766	Piston guide	3
26.	47030001	Connecting rod, complete	3
27.	99191300	SHCS, M6 x 30 zinc plated	5
28.	47160122	Back cover, deep	1
29.	97596800	Oil level sightglass	1
30.	98204000	Plug, 1/4 x 9	1
31.	90358500	O-ring, 10.82 x 1.78	4
32.	99309900	SHCS, M8 x 35 zinc plated	6
33.	96728700	Lock washwe 8.4 x 13 x 0.8	6
34.	47040409	Plunger, 20 mm	3
	47040509	Plunger, 22 mm	3
35.	90506700	Anti-extrusion ring	3
36.	47219766	Plunger bolt	3
37.	47150022	Crankcase Cover	1
38.	97567800	Spacer	2
39.	90164800	Shaft oil seal 30 x 55 x 7	1
40.	90361600	O-ring, 34.65 x 1.78	3

ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY.
41.	47081566	Seal Retainer, 20mm		3
	47081666	Seal retainer, 22mm		3
42.	90225000	High pressure seal, 20mm		3
	90230000	High pressure seal, 22mm		3
43.	47217666	Intermediate ring, 20mm		3
	47217766	Intermediate ring, 22mm		3
44.	90226200	Restop ring, 20mm		3
	90231000	Restop Ring, 22mm		3
45.	47200074	Pump rail		2
46.	99364400	Screw, M10 x 18, zinc plated		4
47.	96710600	Washer, M10, zinc plated		4
48.	98218000	Plug, 1/2 x 10, SS		1
49.	98210066	Plug, 3/8 x 13, SS		1

REPAIR KITS

KIT NO.	2	3	192	238 or 202 (20 mm) (22 mm)	239 or 240 (20 mm) (22 mm)
ITEM NO's INCLUDED IN KIT	16	41	4, 5, 6 7, 8 (11)	42, 44	40, 41, 42, 43, 44
NUMBER OF ASSEMBLIES IN KIT	3	2		6	1
NUMBER OF CYLINDERS KIT WILL SERVICE	3	--		3	1

TORQUE SPECS*

Pos.	Ft/lb	N-M
2	14.7	20
10	95.9	130
12	7.3	10
26	7.3	10
28	14.7	20
35	11.0	15
45	29.4	40
46	29.4	40
83	14.7	20
88	7.3	10

* Decrease torque by 20% if threads are lubricated

Ref 300345 Rev. F
02-11

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