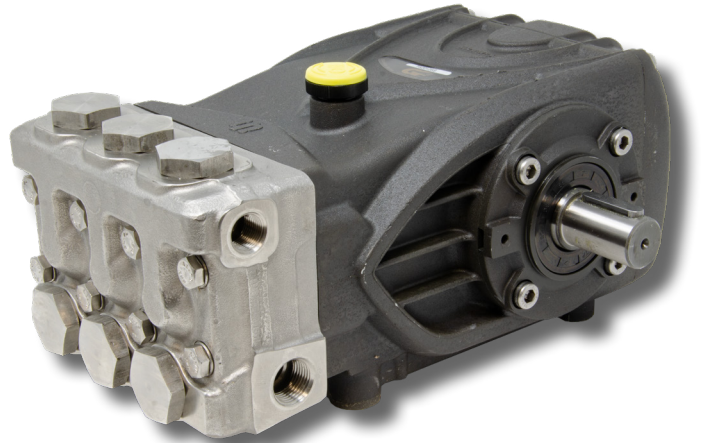


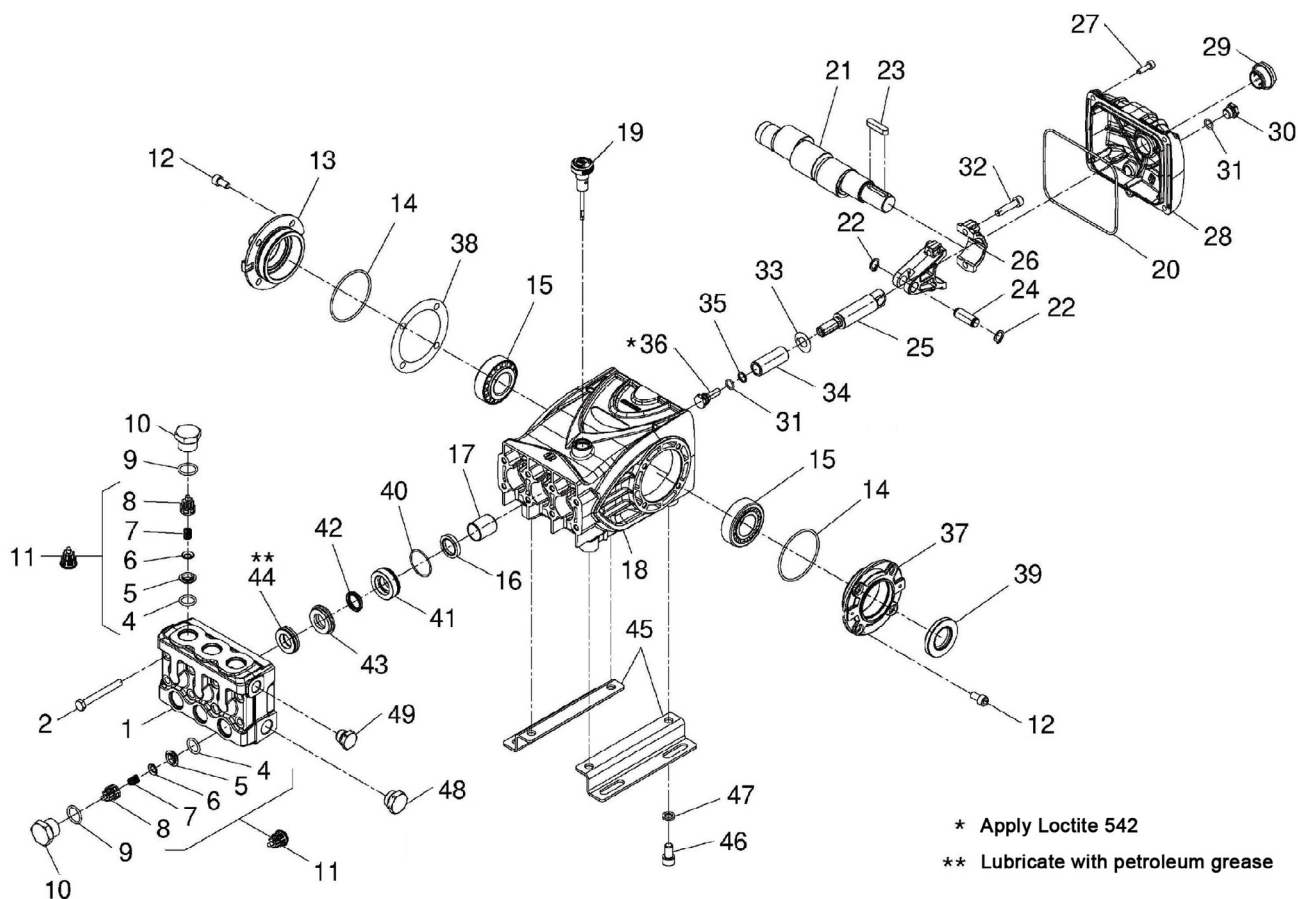
FEATURES

- 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	TS2010SS	TS2012SS	TS2012SS Alt. Spec	TS2016SS	TS2212SS	TS2212SS Alt. Spec
Max Volume	3.4 GPM	4.0 GPM	4.75 GPM	5.55 GPM	4.75 GPM	5.55 GPM
Max Discharge Pressure	2200 PSI	3000 PSI	2200 PSI	3000 PSI	2200 PSI	
Horsepower	5.12 EBHP	8.2 EBHP	7.2 EBHP	11.4 EBHP	7.2 EBHP	8.4 EBHP
Max Pump Speed	1450 RPM	1450 RPM	1750 RPM	1450 RPM	1750 RPM	
Inlet Pressures	Flooded to 70 PSI					
Plunger Bore	.787 in. / 20 mm				.866 in. / 22 mm	
Plunger Stroke	.394 in / 10 mm	.472 in. / 12 mm		.630 in. / 16 mm	.472 in. / 12 mm	
Oil Capacity	40.6 oz					
Max Fluid Temp	185° F					
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	12.42 in. x 9.29 in. x 7.09 in.					





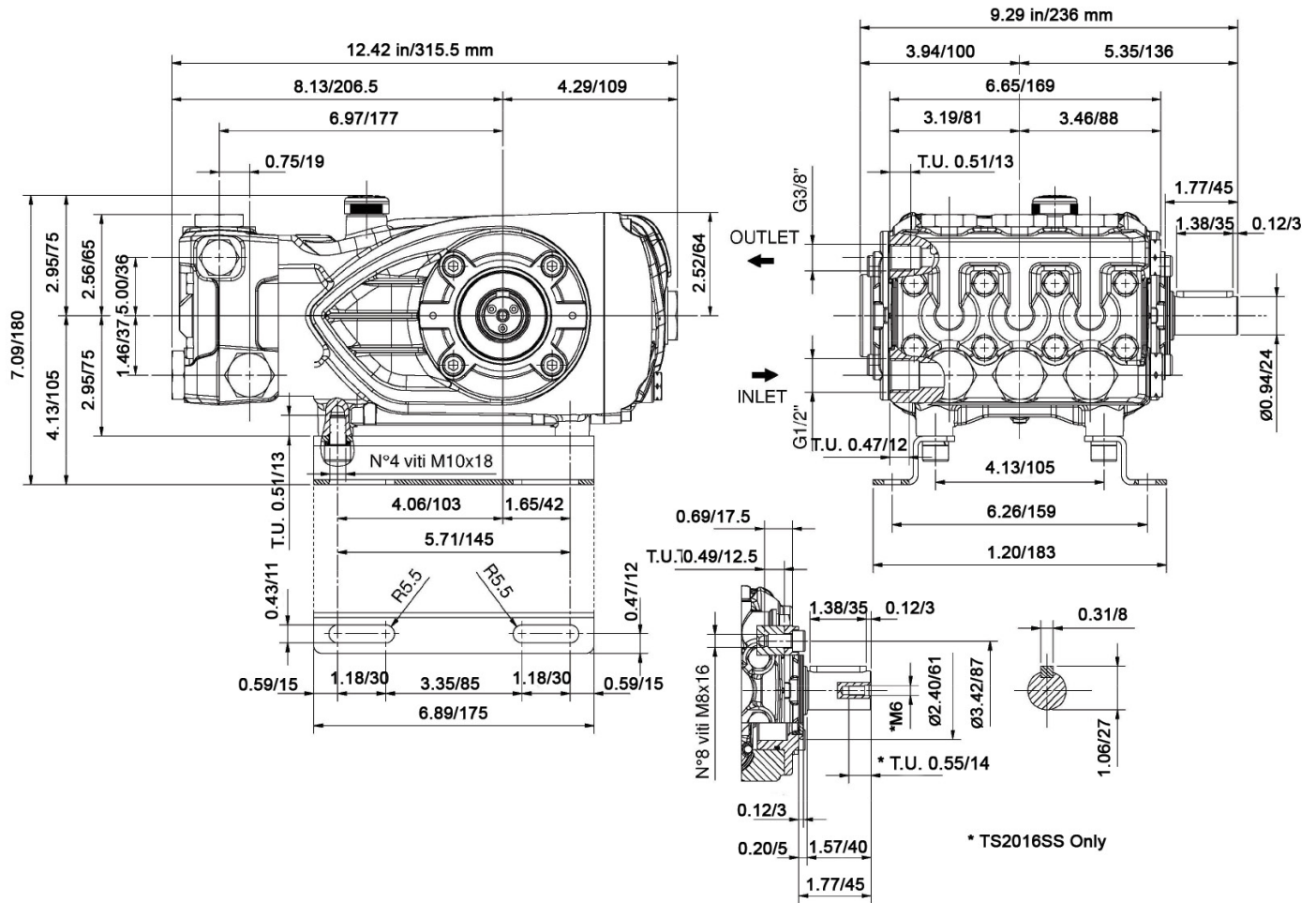
PART LIST

No.	Part No.	Description	Qty.
1.	47121936	Manifold, SS	1
2.	99320700	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.	94737300	Spring, Ø9.4 x 14.8	6
8.	36202251	Guide, Valve	6
9.	90384700	O-ring, Ø20.29 x 2.62	6
10.	98223000	Cap, SS	6
11.	36713001	Valve Assembly	6
12.	99303800	Screw, M8 x 16	8
13.	47150122	Cover, Crankcase	1
14.	90391300	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
20.	90392200	O-ring, Cover	1

No.	Part No.	Description	Qty.
	47021735	Crankshaft, (TS2016SS)	1
21.	47021835	Crankshaft, (TS2012SS, TS2212SS)	1
	47021935	Crankshaft, (TS2012SS)	1
22.	90055700	Ring, Snap	6
23.	91489000	Key	1
24.	97738000	Pin, Wrist	3
25.	47050766	Guide, Plunger	3
26.	47030001	Connecting Rod	3
27.	99188300	Screw, M6 x 20	5
28.	47160622	Cover, Crankcase	1
29.	97596800	Oil Indicator	1
30.	98204000	Plug	1
31.	90358500	O-ring, 10.82 x 1.78	4
32.	99309900	Screw, M8 x 35	6
33.	96728700	Washer,	3
34.	47040409	Plunger, 20 mm	3
	47040509	Plunger, 22 mm (TS2212SS)	
35.	90506700	Ring, Back-up	3

No.	Part No.	Description	Qty.
36.	47219766	Screw, Plunger	3
37.	47151022	Cover, Crankcase	3
38.	97567800	Shim	2
39.	90164800	Seal, Oil	1
40.	90361600	O-ring, Ø34.65 x 1.78	3
41.	47081566	Retainer, Packing	3
	47081666	Retainer, Packing (TS2212SS)	
42.	90272500	Packing	3
	90230000	Packing (TS2212SS)	
43.	47217666	Ring, Head, Ø20	3
	47217766	Ring, Head, Ø22 (TS2212SS)	
44.	90226200	Intermed. Ring	3
	90231000	Intermed. Ring (TS2212SS)	
45.	47200074	Pump Feet	2
46.	99364400	Screw, M10 x 18	4
47.	96710600	Washer, Ø10	4
48.	98218000	Plug, G 1/2 x 10	1
49.	96751400	Plug, G 3/8 x 13	1

DIMENSIONS (Inches/mm)



REPAIR KITS

KIT NO.	2	3	192	238 Ø20	239 Ø20	202 Ø22	240 Ø22
ITEM NO's INCLUDED IN KIT	16	39	4, 5, 6 7, 8 (11)	42, 44	40, 41, 42, 43, 44	42, 44	40, 41, 42, 43, 44
NUMBER OF ASSEMBLIES IN KIT	3	2	6	6	1	6	1
NUMBER OF CYLINDERS KIT WILL SERVICE	3	--	6	3	1	3	1

TORQUE SPECS*

Pos.	Ft/lb	N-M
2	18.4	25
10	95.9	130
12	14.8	20
27	7.4	10
29	8.9	12
30	14.8	20
32	14.8	20
36	14.8	20
46	29.5	40
48	29.5	40
49	29.5	40

* Decrease torque by 20% if threads are lubricated

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 known to the state of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov