TRIPLEX

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GENERAL PUMP *A member of the Interpump Group*

T Series 50

Triplex Plunger Pumps - Solid Shaft

FEATURES

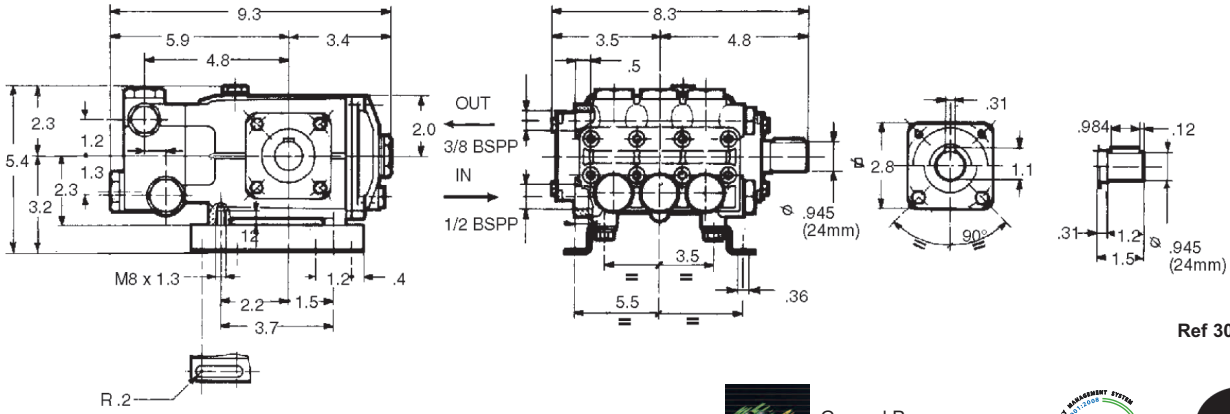
- Forged brass manifold with a an exclusive lifetime warranty
- Die-cast, anodized aluminum, oil-bath crankcase
- Solid ceramic plungers with continuously lubricated packings
- The original Interpump unitized stainless steel K01 inlet and outlet valves
- Standard 24 mm solid shaft for pulley mounting
- Flex coupling and bell housing available for direct drive
- Ideal for all general cleaning/washing applications
- Also available in “L” left-handed and aluminum manifold versions



SPECIFICATIONS

Pump Model	T991	T911	T9951	T9971	TT9351	T9441
Maximum Volume	4.0(3.5) GPM	3.5 GPM	3.5 GPM	4.0 GPM	3.5 GPM	4.4 GPM
Maximum Discharge Pressure	1100(1500) PSI	1400 PSI	1500 PSI	2000 PSI	2500 PSI	
Maximum Pump Speed	1750/(1450) RPM	1450 RPM	1750 RPM		3400 RPM	
Maximum Inlet Pressure	125 PSI					
Maximum Inlet Vacuum	9 ft. water (7.9 in. Hg)					
Plunger Bore	.787 in. / 20 mm				.591/15 mm	
Plunger Stroke (in./mm)	.394 / 10		.335/8.5	.394/10	.335/8.5	.394/10
Crankcase Oil Capacity	15.2 oz.					
Maximum Fluid Temperature	165ºF					
Inlet Port Thread	1/2-14 BSP-F					
Discharge Port Thread	3/8-19 BSP-F					
Shaft Diameter	.945 in. / 24 mm					
Weight	19 lbs.	15 lbs.	19 lbs.		18.7 lbs.	
Dimensions	9.3 x 8.3 x 5.4					

DIMENSIONAL DRAWING



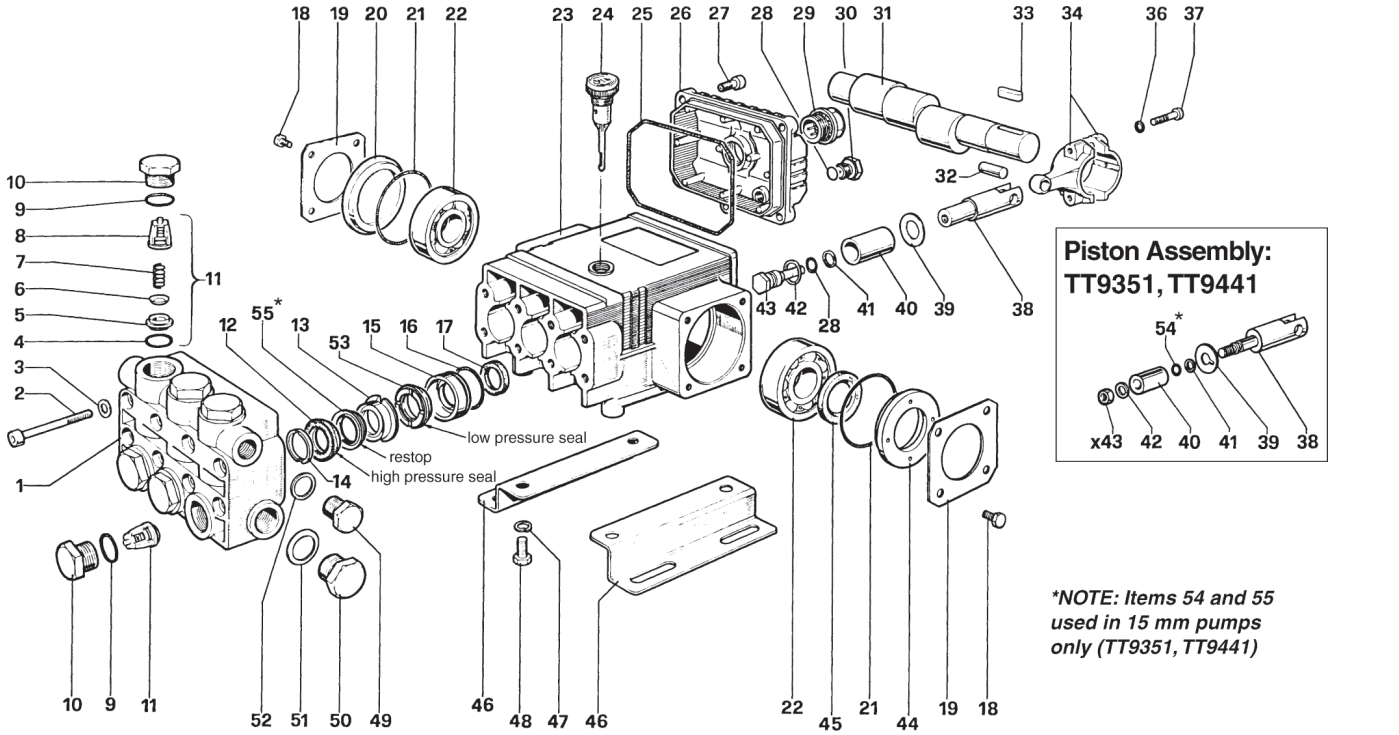
Ref 300236 Rev. E
07-14

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Piston Assembly: TT9351, TT9441

NOTE: Items 54 and 55 used in 15 mm pumps only (TT9351, TT9441)

PARTS LIST

ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY.
1.	50120741	Manifold, Brass		1
	50120541	Manifold, Brass (TT9352, TT9441)		
	50120022	Manifold, Aluminum (T911)		
2.	99317500	Screw, M8 x 60		8
3.	96701400	Washer, M8.4 x 13 x.8		8
4.	90384100	O-ring, .674x103	1	6
5.	36200366	Seat, Valve	1	6
6.	36200176	Plate, Valve	1	6
7.	94737600	Spring	1	6
8.	36200251	Guide, Valve	1	6
9.	90384700	O-ring, .797x.103	4	6
10	98222000	Cao, M24x2x16	4	6
11.	36703201	Valve Assembly	1	6
12.	90270300	Packing	19,27	3
	90262000	(TT9351, TT9441)	88,92	3
13.	50216670	Ring, Int.	20,27	3
	52216670	(TT9351, TT9441)	89,92	3
14.	50100051	Ring, Head	21,27	3
	51100051	(TT9351, TT9441)	90,92	3
15.	50080570	Retainer, Packing	22,27	3
	52080570	(TT9351, TT9441)	91,92	3
16.	90361200	O-ring, 1.239x.070	22,27	3
17.	90161400	Seal, Oil	23	3
18.	99180700	Screw, M6x10		8
19.	50150074	Cover, Crankcase		2
20.	50211651	Spacer		1
21.	90409700	O-ring, 2.187x.139		2
22.	91832900	Bearing, Ball		2
23.	50010422	Crankcase		1
24.	98210300	Oil Dip Stick		1
25.	90392000	O-ring, 3.987x.103		1
26.	50160022	Cover		1
27.	99183700	Screw, M6x14		5
28.	90358500	O-ring, .426x.070	6	4
29.	97596800	Indicator, Oil		1
30.	98204100	Cap, 1/4-BSP		1
31.	50021835	Crankshaft (T991, T911)		1
	50021935	Crankshaft (9951)		1
	50020135	Crankshaft (T9971, TT9441)		1
	50020535	Crankshaft (TT9351)		1
32.	97733000	Pin, Wrist		3
33.	640048	Key		1
34.	50030001	Rod, Connecting, Alum.		3
	50030301	Rod, Connecting, Brass		3
36.	96693900	Washer, M6.4x10x.7		6
37.	99192700	Screw, M6x35		6
38.	50050156	Guide, Plunger		3
	52050056	Guide, Plunger (TT9351, TT9441)		
39.	96728600	Washer, M14x28x5	6	3
	96707000	Washer (TT9351, TT9441)		3
40.	50040409	Plunger (20 mm)		3
	52040009	Plunger (15mm-TT9351, TT9441)		
41.	90506700	Ring, Back-up	6	3
	90502200	Ring, Back-up (TT9351,TT9441)		
42.	96728000	Washer, M14x18.5x.055	6	3
	96700800	Washer (TT9351, TT9441)		
43.	47219566	Screw, Plunger	6	3
x43	92221600	Nut, M8, SS		3
44.	50211551	Spacer		1
45.	90163400	Seal, Oil		1
46.	50200074	Feet, Pump		2
47.	96701600	Washer		4
48.	99303700	Screw		4
49.	98210000	Cap, 3/8-BSP		1
50.	98217600	Cap, 1/2-BSP		1
51.	96751400	Washer, M21.5x27x1.5		1
52.	96738000	Washer, M17.5x23x1.5		1
53.	90269800	Seal, LP, 20mm	19,27	3
	90261700	(TT9351, TT9441)	88,92	3
54.	90357200	O-ring, .208" x .070"		3
55.	90262200	Restop Ring	88, 92	3

REPAIR KITS

KIT NO.	1	4	6	19 or 88	20 or 89	21 or 90	22 or 91	23	27 or 92
ITEM NO's INCLUDED IN KIT	4, 5, 6 7, 8 (11)	9, 10	28, 39, 41, 42, 43	12, 53, 55* *15 mm only	13	14	15, 16	17	12, 13, 14, 15, 16, 53, 55* *15 mm only
NUMBER OF ASSEMBLIES IN KIT	6	6	3	3	3	6	3	3	1
NUMBER OF CYLINDERS KIT WILL SERVICE	3	3	3	3	3	3	3	3	1

TORQUE SPECS*

Pos.	Ft/lb	N-M
2	14.7	19.2
10	95.9	130
18	7.3	10
27	7.3	10
29	8.8	12
30	14.7	19.2
37	8.8	12
43	14.7	19.2
48	14.7	19.2
49	29.4	40
50	29.4	40

* Decrease torque by 20% if threads are lubricated

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