

# GENERAL PUMP A member of the Interpump Group

## T Series 47 S

22 mm bore / 16 mm stroke

### FEATURES

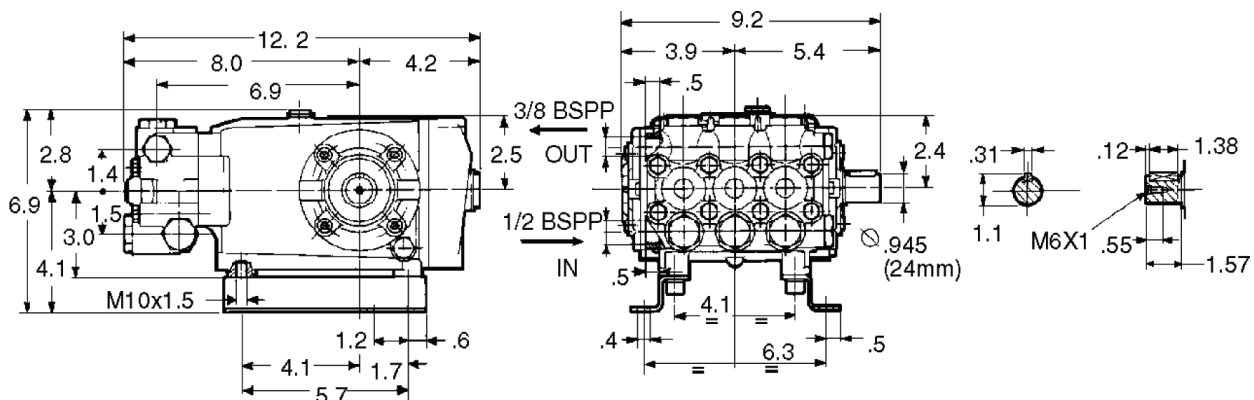
- The preferred pump frame in the pressure cleaning industry
- Forged brass manifold with an exclusive lifetime warranty
- Large-capacity, die-cast, anodized aluminum oil-bath crankcase
- Over-sized connecting rods for maximum life
- Heavy-duty tapered roller bearing
- Solid ceramic plungers with continuously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



### SPECIFICATIONS

| Pump Model                 | T921                     | T1321               | T1621    |
|----------------------------|--------------------------|---------------------|----------|
| Maximum Volume             | 5.0 GPM                  | 5.5 GPM             | 5.0 GPM  |
| Maximum Discharge Pressure | 1700 PSI                 | 2100 PSI            | 2500 PSI |
| Maximum Pump Speed         | 1050 RPM                 | 1150 RPM            | 1050 RPM |
| Maximum Inlet Pressure     | 125 PSI                  |                     |          |
| Maximum Inlet Vacuum       | 9 ft. water (7.9 in. Hg) |                     |          |
| Plunger Bore               | .866 in. / 22 mm         |                     |          |
| Plunger Stroke             | .630 in. / 16 mm         |                     |          |
| Crankcase Oil Capacity     | 33.8 oz.                 | 40.6 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                 | 12.2" x 9.2" x 6.9"      | 12.6" x 9.2" x 6.9" |          |

### DIMENSIONAL DRAWING



General Pump  
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the Interpump Group

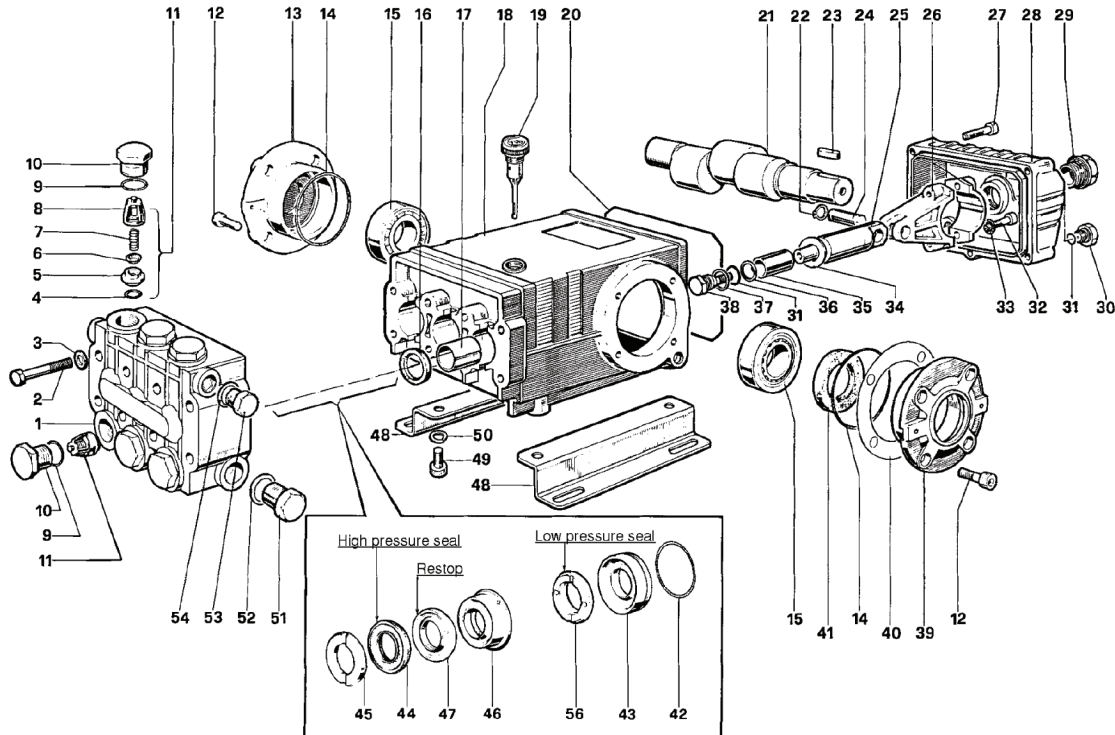


Ref 300260 Rev. H  
06-16



# T Series 47S-22mm x 16 mm

**GENERAL PUMP** *A member of the Interpump Group*



## PARTS LIST

| ITEM | PART NO. | DESCRIPTION                  | KIT NO. | QTY. | ITEM | PART NO. | DESCRIPTION             | KIT NO. | QTY. | ITEM | PART NO. | DESCRIPTION            | KIT NO.    | QTY. |
|------|----------|------------------------------|---------|------|------|----------|-------------------------|---------|------|------|----------|------------------------|------------|------|
| 1.   | 47120841 | Manifold                     |         | 1    | 19.  | 98210600 | Oil Dip Stick           |         | 1    | 37.  | 96728000 | Washer                 | 6          | 3    |
|      | 47120941 | Manifold, Ni. Plt. (T1621-N) |         | 1    | 20.  | 90392200 | O-ring, Cover           |         | 1    | 38.  | 47219566 | Screw, Plunger         | 6          | 3    |
| 2.   | 99320600 | Screw, M8 x 70               |         | 8    | 21.  | 47021735 | Crankshaft              |         | 1    | 39.  | 47150022 | Cover, Crankcase       |            | 3    |
| 3.   | 96702000 | Washer, M8.4                 |         | 8    | 22.  | 90055700 | Ring, Snap              |         | 6    | 40.. | 97567800 | Shim                   |            | 2    |
| 4.   | 701115   | O-ring, .674 x .10           | 1       | 6    | 23.  | 91489000 | Key                     |         | 1    | 41.  | 90164800 | Seal, Oil              | 3          | 1    |
| 5.   | 36200366 | Seat, Valve                  | 1       | 6    | 24.  | 97738000 | Pin, Wrist              |         | 3    | 42.  | 90361600 | O-ring, 1.364x.070     | 10,29      | 3    |
| 6.   | 36200176 | Plate, Valve                 | 1       | 6    | 25.  | 47050554 | Guide, Plunger          |         | 3    | 43.  | 47080670 | Retainer, Packing      | 10,29      | 3    |
| 7.   | 94737600 | Spring                       | 1       | 6    | 26.  | 47030001 | Connecting Rod          |         | 3    | 44.  | 90272500 | Packing                | 29,148     | 3    |
| 8.   | 36200251 | Guide, Valve                 | 1       | 6    | 27.  | 99191200 | Screw, M6x30            |         | 5    | 45.  | 46100051 | Ring, Head, M22        | 11,29      | 3    |
| 9.   | 701002   | O-ring, .797x.103            | 4,5     | 6    |      | 99183700 | Screw, M6x14 (T921)     |         | 5    | 46.. | 47217070 | Intermed. Ring         | 29,149     | 3    |
| 10.  | 98222000 | Cap                          | 4       | 6    | 28.  | 47160122 | Cover, Crankcase        |         | 1    | 47.  | 90273000 | Restop Ring            | 29,148,149 | 3    |
|      | 98222200 | Cap, Ni. Plt (T9211)         | 5       | 6    |      | 47160022 | Cover, Crankcase (T921) |         | 1    | 48.  | 47200074 | Pump Feet              |            | 2    |
| 11.  | 36703201 | Valve Assembly               | 1       | 6    | 29.  | 97596800 | Oil Indicator           |         | 1    | 49.  | 99364400 | Screw, M10 x 18        |            | 4    |
| 12.  | 99303900 | Screw, M8 x 16               |         | 8    | 30.  | 98204100 | Cap                     |         | 1    | 50.  | 96710600 | Washer, M10.2          |            | 4    |
| 13.  | 47150122 | Cover, Crankcase             |         | 1    | 31.  | 701013   | O-ring, .426x.070       | 6       | 4    | 51.  | 98217600 | Cap                    |            | 1    |
| 14.  | 701147   | O-ring, 2.675x.103           |         | 2    | 32.  | 99309900 | Screw, M8 x 35          |         | 6    | 52.  | 96751400 | Washer, M21.5          |            | 1    |
| 15.  | 640047   | Bearing, Roller              |         | 2    | 33.  | 96701400 | Washer, M8.4            |         | 6    | 53.  | 98210000 | Cap                    |            | 1    |
| 16.  | 90162500 | Seal, Oil                    | 2       | 3    | 34.. | 96728600 | Washer, M14             |         | 6    | 54.  | 96738000 | Washer, M17.5          |            | 1    |
| 17.  | 90912600 | Bushing                      |         | 3    | 35.  | 47040509 | Plunger, 22 mm          |         | 3    | 56.  | 90272800 | Seal, Low Press, 22 mm | 29,148     | 3    |
| 18.  | 47010522 | Crankcase                    |         | 1    | 36.  | 90506700 | Ring, Back-up           |         | 6    |      |          |                        |            |      |

## REPAIR KITS

| KIT NO.                              | 1                       | 2  | 3  | 4     | 5     | 6                        | 11 | 14     | 29                           | 148          | 149    |
|--------------------------------------|-------------------------|----|----|-------|-------|--------------------------|----|--------|------------------------------|--------------|--------|
| ITEM NO's INCLUDED IN KIT            | 4, 5, 6<br>7, 8<br>(11) | 16 | 41 | 9, 10 | 9, 10 | 31, 34,<br>36,<br>37, 38 | 45 | 42, 43 | 42, 43<br>44, 45<br>46,47,56 | 44, 47<br>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 | Nm  |
|------|-------|-----|
| 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