

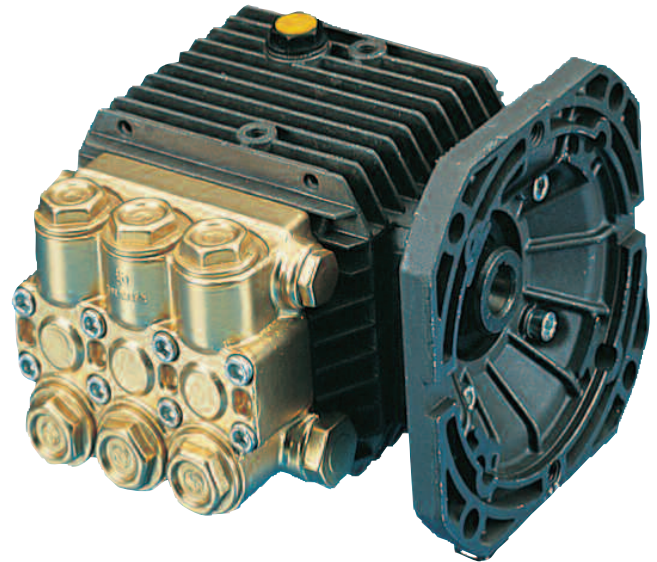
# GENERAL PUMP A member of the Interpump Group

# TT Series 51, EBF

*Triples Plunger Pumps*

## FEATURES

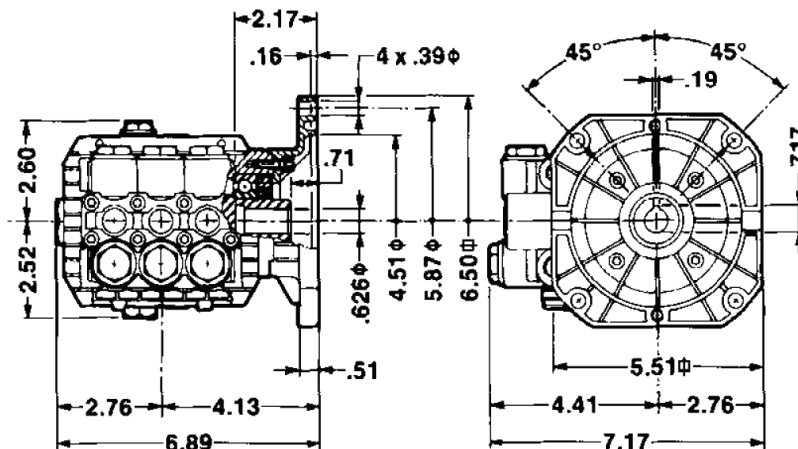
- Forged brass manifold with exclusive lifetime warranty
- Die-cast anodized aluminum, oil-bath crankcase
- Solid ceramic plungers with continuously lubricated packings
- The original Interpump unitized, stainless steel, K01 inlet and outlet valves
- Ideal for all general cleaning, RO and misting applications
- Comes standard with NEMA 56C electric motor mounting flange
- Also available in "L" left-handed versions



## SPECIFICATIONS

| Pump Model                 | T9051EBF             | TT9111EBF  | TT9061EBF | TT9071EBF  | TT2021EBF | TT2028EBF  | TT2035EBF     |
|----------------------------|----------------------|------------|-----------|------------|-----------|------------|---------------|
| Maximum Volume             | 2.11 GPM             | 3.0 GPM    | 2.11 GPM  | 2.8 GPM    | 2.1 GPM   | 2.8 GPM    | 3.5 GPM       |
| Maximum Discharge Pressure | 1500 PSI             |            |           |            | 2000 PSI  |            |               |
| Maximum Pump Speed         | 1750 RPM             |            | 3400 RPM  |            |           |            |               |
| Maximum Inlet Pressure     | 125 PSI              |            |           |            |           |            |               |
| Maximum Inlet Vacuum       | 3 ft. water (2.6 Hg) |            |           |            |           |            |               |
| Plunger Bore (in / mm)     | .591 / 15            | .709 / 18  | .591 / 15 |            |           |            |               |
| Plunger Stroke (in / mm)   | .370 / 9.4           | .370 / 9.4 | 1.97 / 5  | .260 / 6.6 | 1.97 / 5  | .260 / 6.6 | .315 / 8      |
| Oil Capacity               | 11.2 oz.             |            |           |            |           |            |               |
| Maximum Fluid Temperature  | 165°F                |            |           |            |           |            |               |
| Inlet Port Thread          | 3/8-19 BSPP-F        |            |           |            |           |            |               |
| Discharge Port Thread      | 1/4-19 BSPP-F        |            |           |            |           |            |               |
| Shaft Diameter             | 5/8 in. / 16 mm      |            |           |            |           |            | 3/4 in./19 mm |
| Weight                     | 11.5 lbs.            |            |           |            |           |            |               |
| Dimensions                 | 7.0" x 7.2" x 5.5"   |            |           |            |           |            |               |

## DIMENSIONAL DRAWING



Ref 300310 Rev. H  
11-12

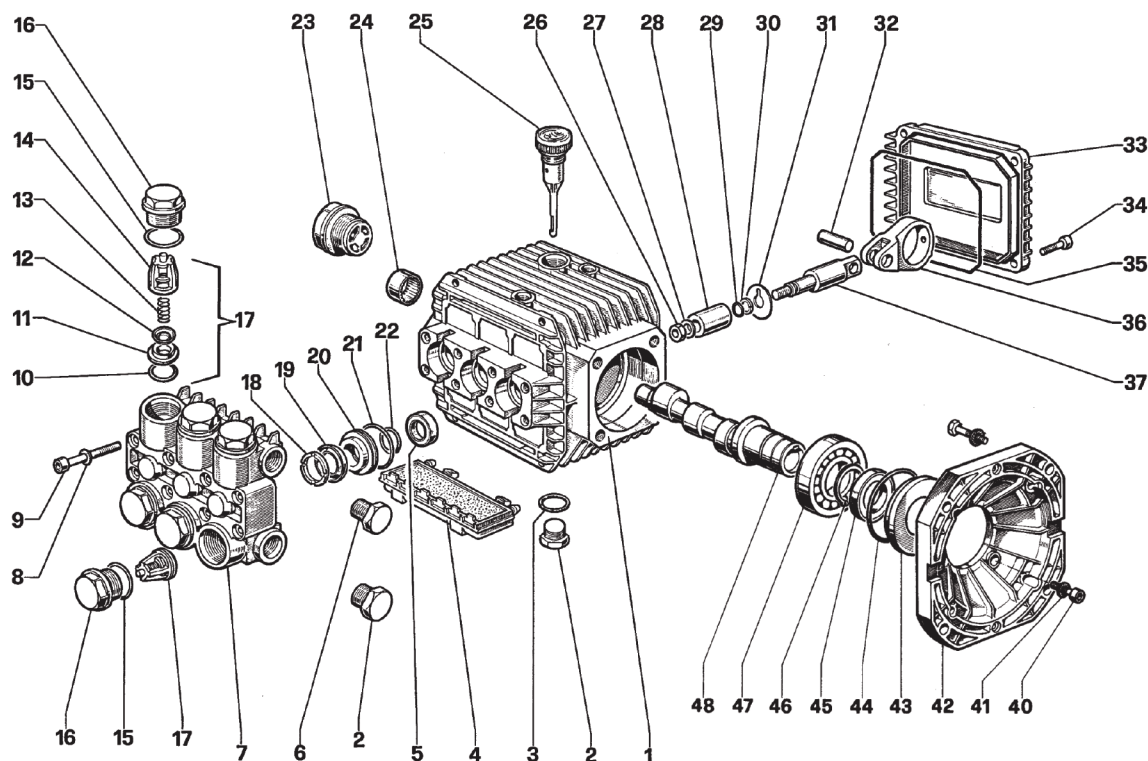


General Pump  
is a member of  
the Interpump Group



# TT Series 51, EBF

**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.   | 51010622 | Crankcase                 | 1       |      | 19.  | 90262000 | Packing                 | 3       |      | 34.  | 99186700 | Screw, M6 x 18              | 4       |      |
| 2.   | 98210000 | Plug, 3/8-BSP             | 2       |      |      | 90268100 | Packing, 18 mm          | 3       |      | 35.  | 90391700 | Gasket                      | 1       |      |
| 3.   | 90383300 | O-ring                    | 1       |      | 20.  | 51080070 | Packing Retainer        | 3       |      | 36.  | 51030022 | Connecting Rod End          | 4       |      |
| 4.   | 51209102 | Protector                 | 1       |      |      | 51080370 | Packing Retainer, 18 mm | 3       |      | 37.  | 51050056 | Piston Guide                | 3       |      |
| 5.   | 710002   | Oil Seal                  | 3       |      | 21.  | 90360400 | O-ring                  | 3       |      | 38.  | 99334500 | Screw, 3/8-BSP              | 4       |      |
| 6.   | 98204100 | Plug                      | 1       |      | 22.  | 90383500 | O-ring, 15 mm           | 3       |      | 39.  | 96710400 | Washer, M10, Schnorr        | 4       |      |
| 7.   | 51120023 | Manifold, Aluminum, 15 mm | 1       |      |      | 90384300 | O-ring, 18 mm           | 3       |      | 40.  | 99186700 | Screw, M6 x 18              | 4       |      |
|      | 51120041 | Manifold, Brass, 15 mm    | 1       |      | 23.  | 97596800 | Sight Gauge             | 1       |      | 41.  | 203510   | Washer, M6.4, Schnorr       | 4       |      |
|      | 51120441 | Manifold, Brass, 18 mm    | 1       |      | 24.  | 91801500 | Needle Bearing          | 1       |      | 42.  | ZFWWU    | Flange                      | 1       |      |
| 8.   | 203510   | Washer, M6.4              | 12      |      | 25.  | 98210300 | Oil Dip Stick           | 1       |      | 43.  | 50211551 | Spacer                      | 1       |      |
| 9.   | 99194300 | Screw, M6 x 40            | 12      |      | 26.  | 92221600 | Nut, M8                 | 3       |      | 44.  | 90409700 | O-ring                      | 1       |      |
| 10.  | 701115   | O-ring                    | 6       |      | 27.  | 96700800 | Washer, M8              | 3       |      | 45.  | 90164400 | Oil Seal                    | 1       |      |
| 11.  | 36200366 | Valve Seat                | 6       |      | 28.  | 51040009 | Plunger, 15 mm          | 3       |      | 46.  | 90066700 | Snap Ring                   | 1       |      |
| 12.  | 36711501 | Valve Plate               | 6       |      |      | 51040109 | Plunger, 18 mm          | 3       |      | 47.  | 20283521 | Bearing                     | 1       |      |
| 13.  | 97437600 | Spring                    | 6       |      | 29.  | 701501   | O-ring                  | 3       |      | 48.  | 51020835 | Crankshaft (TT9061, TT2021) | 1       |      |
| 14.  | 36200251 | Valve Cage                | 6       |      | 30.  | 660024   | Back-up Ring            | 3       |      |      | 51021535 | Crankshaft (T9051, TT9111)  | 1       |      |
| 15.  | 701002   | O-ring                    | 6       |      | 31.  | 96707000 | Washer, Flinger         | 3       |      |      | 51020935 | Crankshaft (TT9071, TT2028) | 1       |      |
| 16.  | 98221800 | Valve Cap                 | 6       |      | 32.  | 97731000 | Connecting Rod Pin      | 3       |      |      | 51021835 | Crankshaft (TT2035)         | 1       |      |
| 17.  | 100381   | Valve Assembly            | 6       |      | 33.  | 51160022 | Crankcase Cover         | 1       |      |      |          |                             |         |      |
| 18.  | 51100051 | Head Ring, 15 mm          | 3       |      |      |          |                         |         |      |      |          |                             |         |      |
|      | 51100151 | Head Ring, 18 mm          | 3       |      |      |          |                         |         |      |      |          |                             |         |      |

## REPAIR KITS

| KIT NO.                              | 1                       | 83 | 84     | 86<br>(15 mm) | 96<br>(15mm)       | 97<br>(15mm)   | 139<br>(18mm) | 140<br>(18mm)      | 141<br>(18mm)  |
|--------------------------------------|-------------------------|----|--------|---------------|--------------------|----------------|---------------|--------------------|----------------|
| ITEM NO's INCLUDED IN KIT            | 10, 11, 12, 13, 14 (17) | 5  | 15, 16 | 20, 21, 22    | 18, 19, 20, 21, 22 | 18, 19, 21, 22 | 20, 21, 22    | 18, 19, 20, 21, 22 | 18, 19, 21, 22 |
| NUMBER OF ASSEMBLIES IN KIT          | 6                       | 3  | 6      | 3             | 1                  | 3              | 3             | 1                  | 3              |
| NUMBER OF CYLINDERS KIT WILL SERVICE | 3                       | 3  | 3      | 3             | 1                  | 3              | 3             | 1                  | 3              |

## TORQUE SPECS\*

| Position | Ft. Lbs. |
|----------|----------|
| 2        | 29.4     |
| 6        | 14.7     |
| 9        | 8.8      |
| 16       | 33.1     |
| 23       | 13.2     |
| 26       | 11.0     |
| 34       | 7.3      |
| 38       | 22.1     |
| 40       | 7.3      |
| 49       | 14.7     |
| 52       | 7.3      |

\* Decrease torque by 20% if threads are lubricated