



HYDRAULIC TECHNOLOGIES

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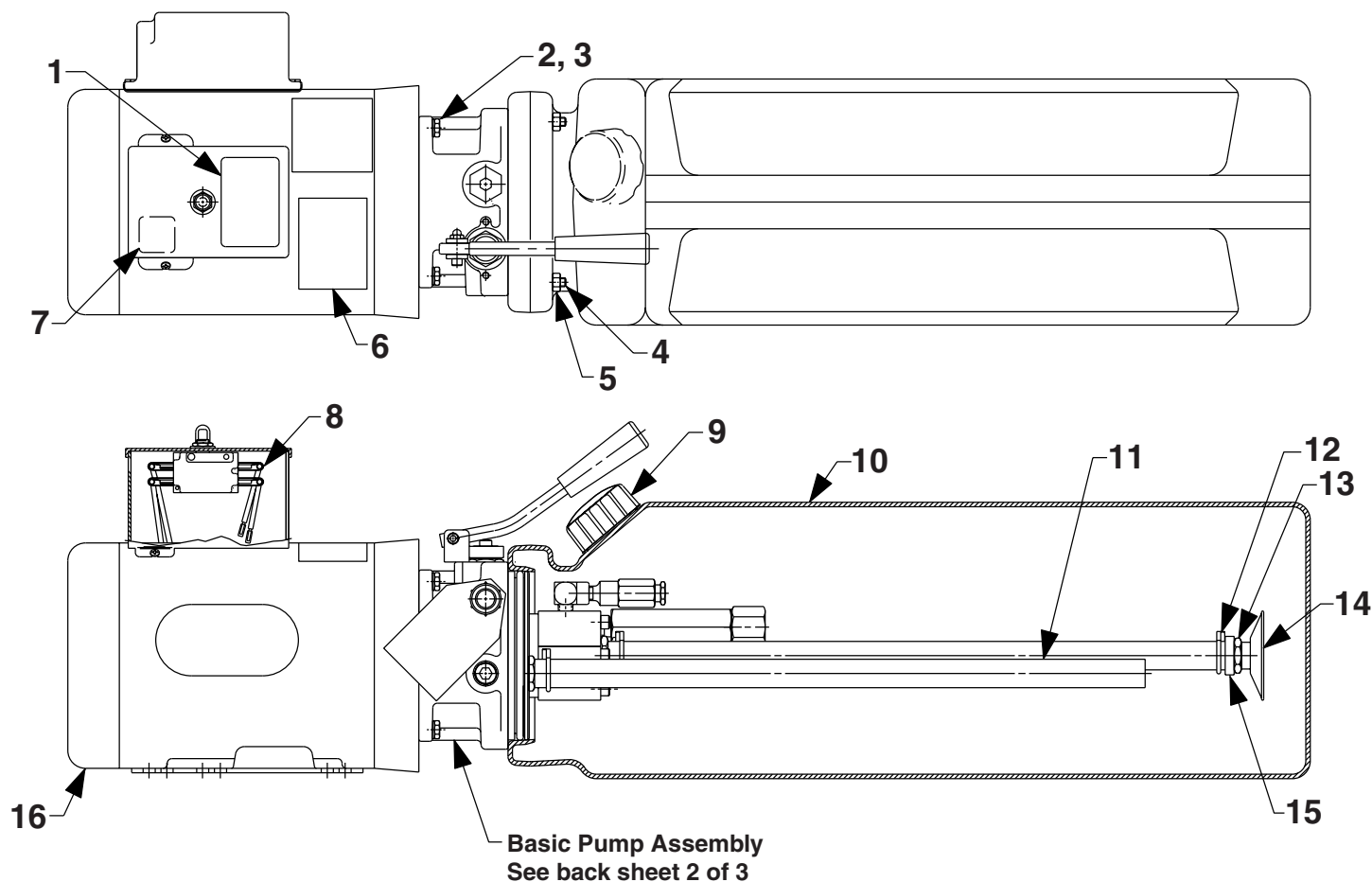
Internet Address:
<http://www.powerteam.com>

Form No. 108017

Parts List for:

GPM25G30F

MODEL C ELECTRIC HYDRAULIC GEAR PUMP



Sheet No. 1 of 3

Rev. Date: 4 Jan. 1999

Item No.	Part No.	No. Req'd	Description
1	253108	1	Decal, Label Controls
2	10048	4	Screw, Hex HD (3/8-16 x 7/8)
3	10247	4	Washer, Lock (.68 x .39)
4	252606	4	Stud
5	10199	4	Nut, Hex (1/4-20)
6	351771	1	Decal, Warning
7	253287	1	Decal, ETL
8	351867	2	Assembly, Wire
9	252646	1	Cap, Filler Breather
10	65555	1	Reservoir (3.5 Gallon)
11	252630	2.92 Ft.	Tubing, Plastic
12	252756	3	Clamp, Hose
13	252617	1	Fitting, Hose (1/2-20 UNF)
14	29682	1	Filter
15	253331	1	Magnet
16	59203	1	Motor, Elec. (3HP, 230V, 60HZ)



Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

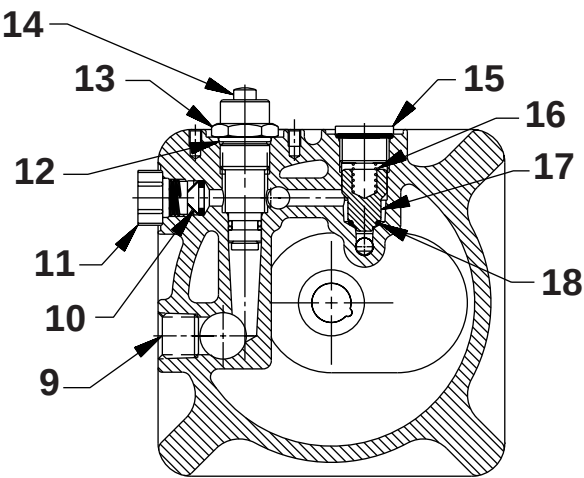
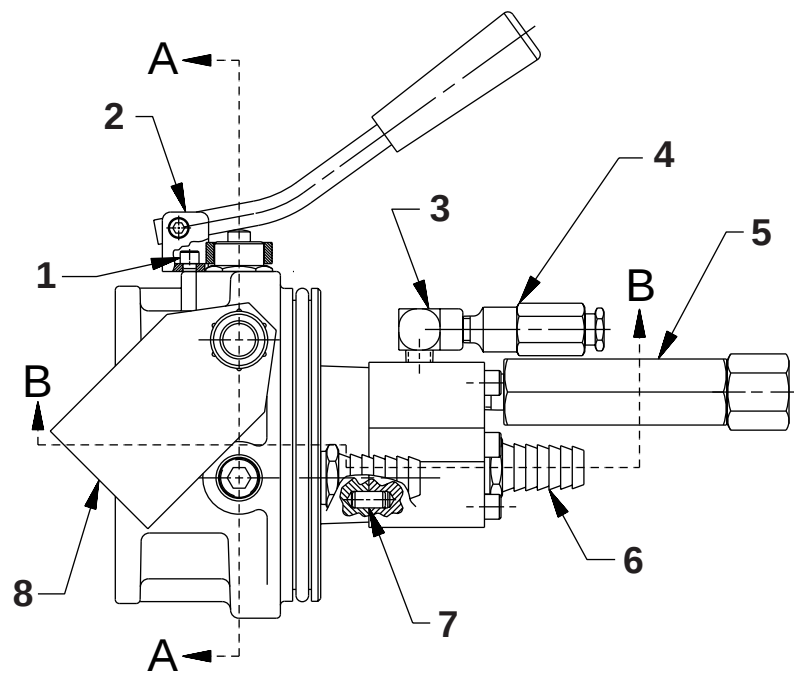
Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine Power Team replacement parts!**

Additional questions can be directed to our Technical Services Department.

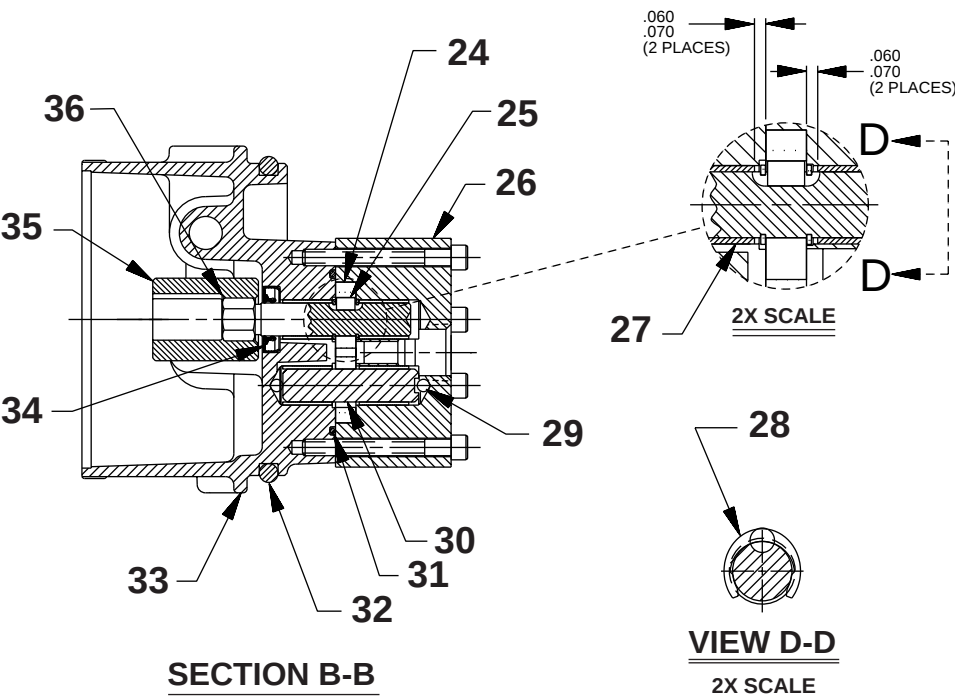
INTERNAL RELIEF VALVE
Set at 3,100/3,500 PSI

The diagram shows a three-phase power supply (L1, L2, L3) connected to a three-phase motor (M) through a main switch (T1, T2, T3) and a thermal relay (T4). The motor is connected to the ground (GRD) through a protective device (represented by a hexagon symbol).

BASIC PUMP ASSEMBLY

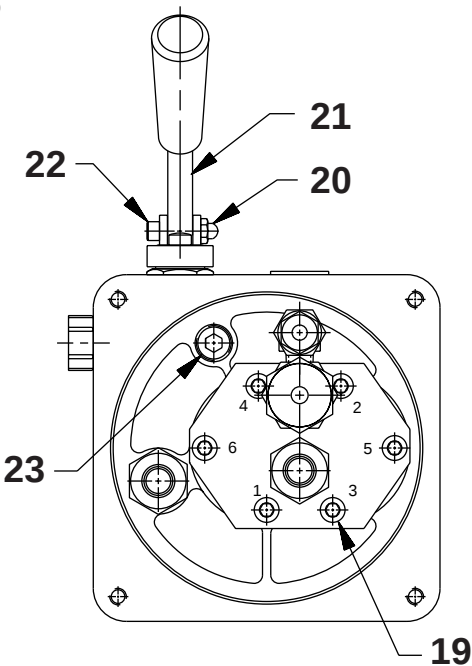


SECTION A-A



SECTION B-B

VIEW D-D
2X SCALE



Item No.	Part No.	No. Req'd	Description
1	14276	1	Screw, Socket HD (10-32 x 3/8; Torque to to 50 in. lbs.)
2	351786	1	Bracket, Mounting
3	13229	1	Fitting, Elbow (90° 1/8 NPTF)
4	421638-30	1	Valve, Relief (Set at 3,100/3,500 PSI)
5	351834	1	Valve, Soft Start
6	252618	2	Fitting, Hose (1/2 NPTF)
7	15156	2	Pin, Dowel (.25 x .50)
8	351937	1	Tag, Important
9	16232	1	Fitting, Plug (3/8 PTF)
10	253330	1	Filter
11	250962	1	Fitting, Plug (9/16-18 Plastic)
12	10527	1	O-ring (.81 x .64 Nitrile)
13	351787	1	Cap, Release Valve
14	351633	1	Valve, Release
15	214014	1	Fitting, Plug (1/2 Tube)
16	10425	1	Spring (.37 OD x .75 x .03 WS)
17	351827	1	Body, Poppet
18	14763	1	O-ring (.43 x .31 Urethane)
19	12001	6	Screw, Soc HD (1/4-20 x 2-1/4; Cross torque to 120 in. lbs. in order shown.)
20	207405	1	Nut, Hex Lock (10-24)
21	351785	1	Handle
22	253086	1	Screw, Socket (10-24 x 7/8)
23	10427	1	Fitting, Plug (1/8 NPTF)
24	421625-2.5	2	Gear
25	253070-2.5	1	Key
26	351936-2.5	1	Body, Pump
27	253071	4	Bearing, Sleeve
28	253072	2	Ring, Retain Ext. (0.44 x .035; Position retaining ring to keyway as shown.)
29	12223	2	Ball (3/16" Dia. Steel)
30	253068	1	Shaft
31	253069	1	O-ring (2.250 x 2.062 Nitrile)
32	252645	1	O-ring (4.750 x 4.375 Nitrile)
33	65738	1	Body, Valve
34	252616	1	Seal, Oil Shaft
35	351625	1	Coupling
36	351627-2.5	1	Shaft

