



HYDRAULIC TECHNOLOGIES

Hydraulic Technologies
5885 11th Street
Rockford, IL 61109-3699 USA

Tech. Services: (800) 477-8326
Fax: (800) 765-8326
Order Entry: (800) 541-1418
Fax: (800) 288-7031

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

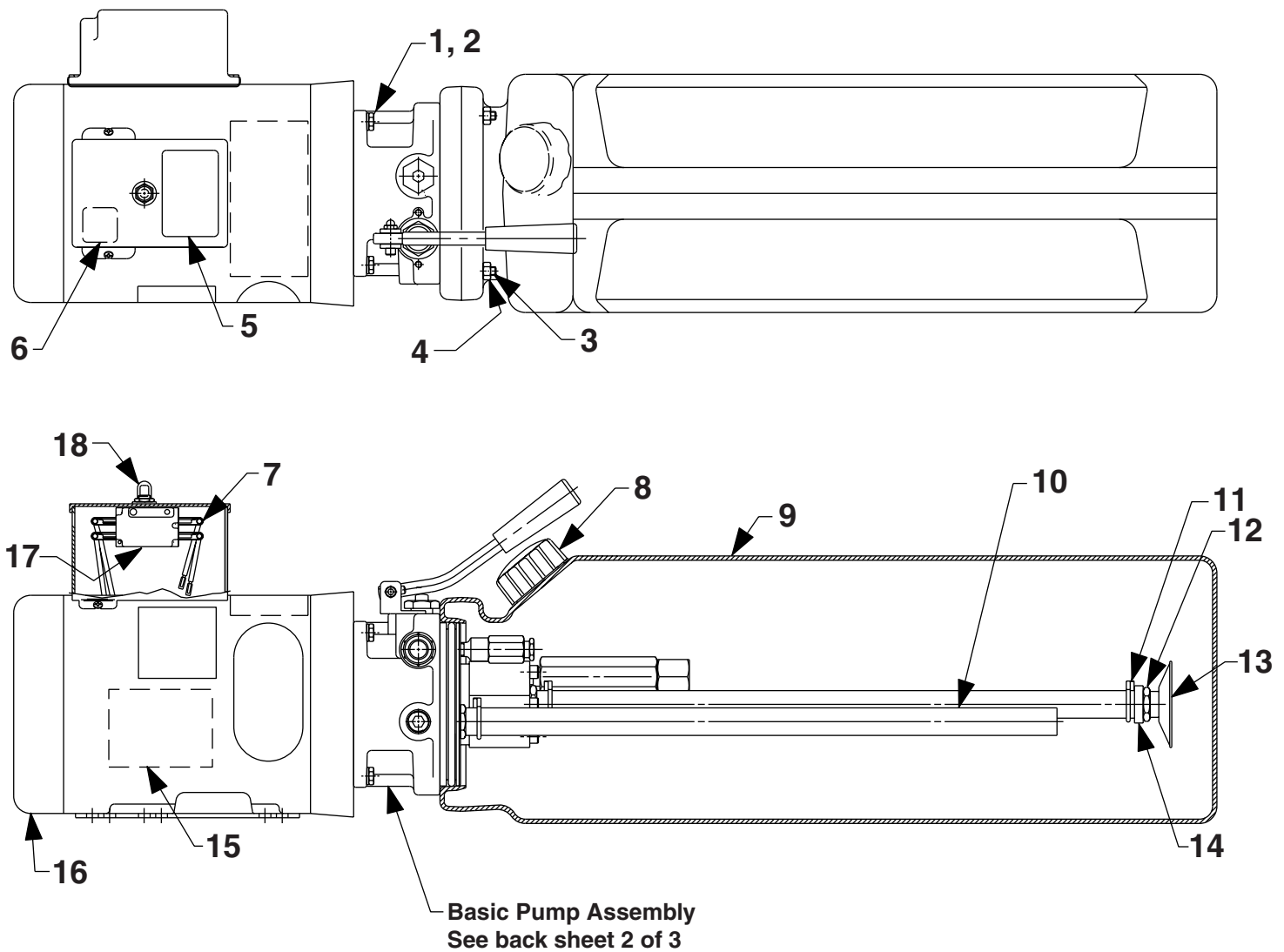
Form No. 101983

Parts List for:

GPM16A38F

MODEL B ELECTRIC HYDRAULIC GEAR PUMP

To Parts
List



Sheet No. 1 of 3

Rev. Date: 10 Sep. 1998

Parts List, Form No. 101983, Back sheet 1 of 3

Item No.	Part No.	No. Req'd	Description
1	10048	4	Screw, Hex HD (3/8-16 x 7/8)
2	10247	4	Washer, Lock (.68 x .39)
3	252606	4	Stud
4	10199	4	Nut, Hex (1/4-20)
5	253108	1	Decal, Label Controls
6	253287	1	Decal, ETL
7	351867	2	Assembly, Wire
8	252646	1	Cap, Filler Breather
9	65555	1	Reservoir (3.5 Gallon)
10	252630	2.92 Ft.	Tubing, Plastic
11	252756	3	Clamp, Hose
12	252617	1	Fitting, Hose (1/2-20 UNF)
13	29682	1	Filter
14	253331	1	Magnet
15	351771	1	Decal, Warning
16	59089	1	Motor, Elec. (208/230V 60HZ)
17	351885	1	Switch, Push Button
18	253411	1	Boot, Push Button

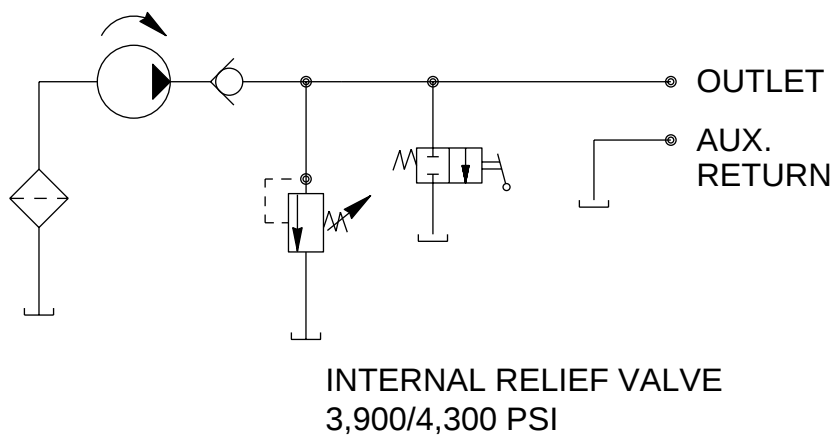


Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

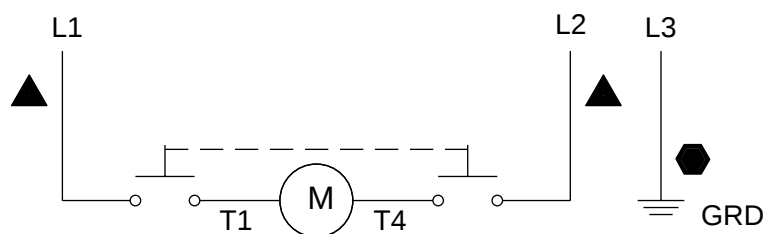
Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine Power Team replacement parts!**

Additional questions can be directed to our Technical Services Department.

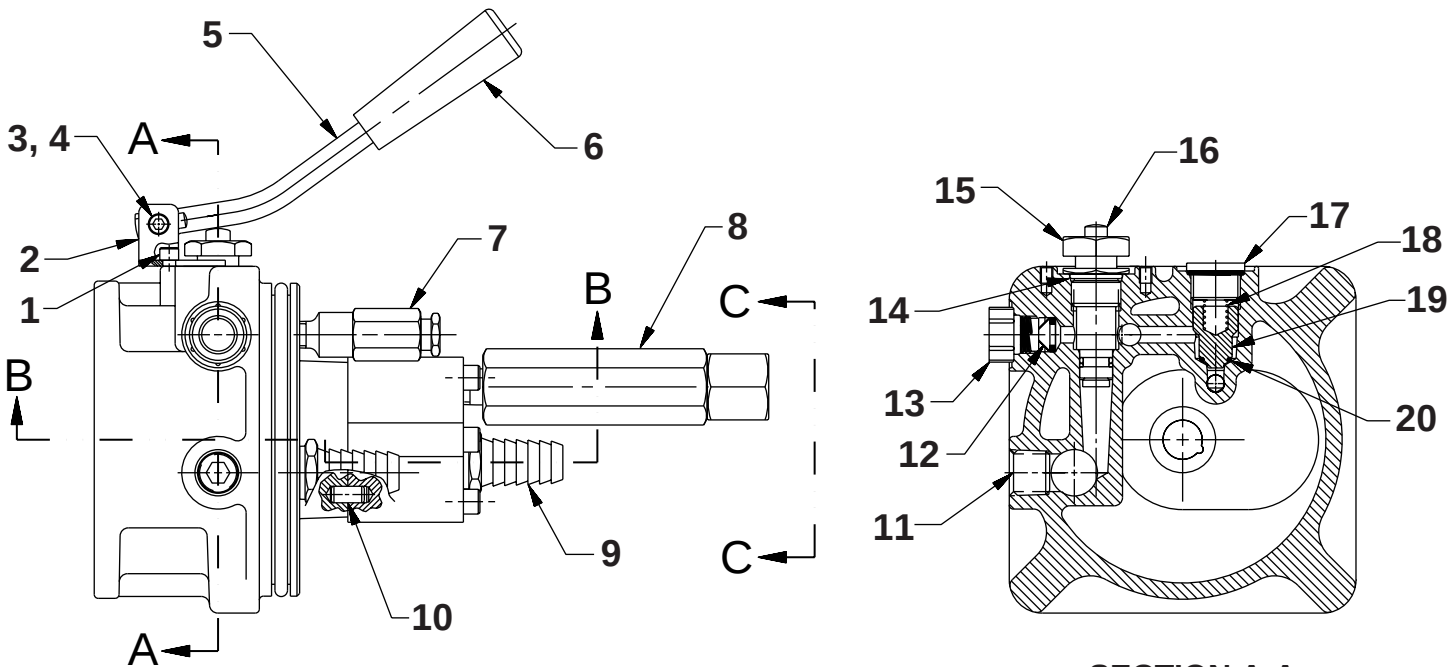
HYDRAULIC SCHEMATIC



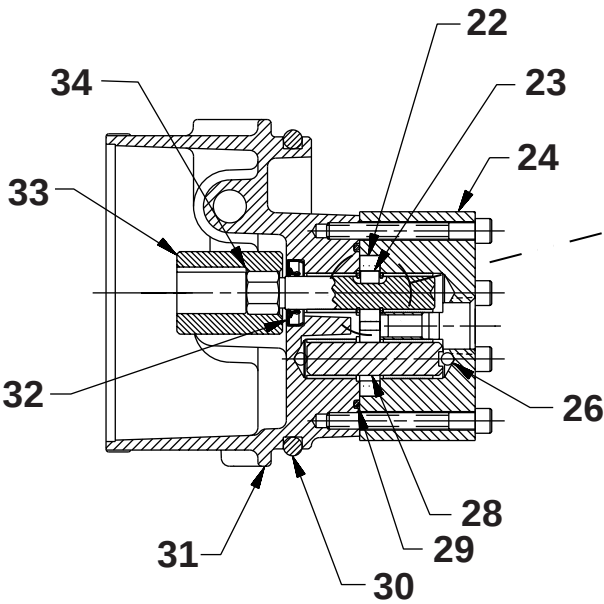
ELECTRICAL SCHEMATIC



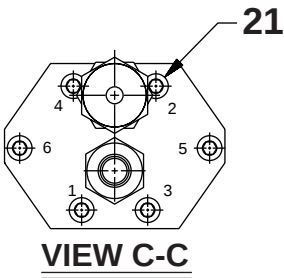
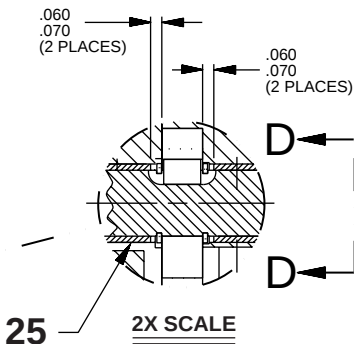
BASIC PUMP ASSEMBLY



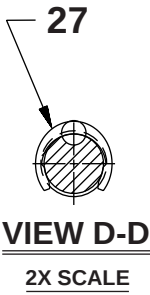
SECTION A-A



SECTION B-B



VIEW C-C



VIEW D-D

2X SCALE

Item No.	Part No.	No. Req'd	Description
1	14276	1	Screw, Socket HD (10-32 x 3/8)
2	351623	1	Bracket, Mounting
3	253086	1	Screw, Socket HD (10-24 x 7/8)
4	207405	1	Nut, Hex Lock (10-24)
5	351638	1	Handle
6	253087	1	Knob
7	421638-38	1	Valve, Relief (Set at 3,900/4,300 PSI)
8	351834	1	Valve, Soft Start
9	252618	2	Fitting, Hose (1/2 NPTF)
10	15156	2	Pin, Dowel (.25 x .50)
11	16232	1	Fitting, Plug (3/8 PTF)
12	253330	1	Filter
13	250962	1	Fitting, Plug (9/16-18 Plastic)
14	10527	1	O-ring (.81 x .64 Nitrile)
15	351465	1	Cap, Release Valve
16	351633	1	Valve, Release
17	214014	1	Fitting, Plug (1/2 Tube)
18	10425	1	Spring (.37 OD x .75 x .03 WS)
19	351827	1	Body, Poppet
20	14763	1	O-ring (.43 x .31 Urethane)
21	12001	6	Screw, Soc HD (1/4-20 x 2-1/4; Cross torque in 60 in. lbs. increments in order shown; Torque to 120 in. lbs.)
22	421625-1.6	2	Gear
23	253070-1.6	1	Key
24	65918-1.6	1	Body, Pump
25	253071	4	Bearing, Sleeve
26	12223	2	Ball (3/16" Dia. Steel)
27	253072	2	Ring, Retain Ext. (0.44 x .035)
28	253068	1	Shaft
29	253069	1	O-ring (2.250 x 2.062 Nitrile)
30	252645	1	O-ring (4.750 x 4.375 Nitrile)
31	65738	1	Body, Valve
32	252616	1	Seal, Oil Shaft
33	351625	1	Coupling
34	351627-1.6	1	Shaft

