



HYDRAULIC TECHNOLOGIES

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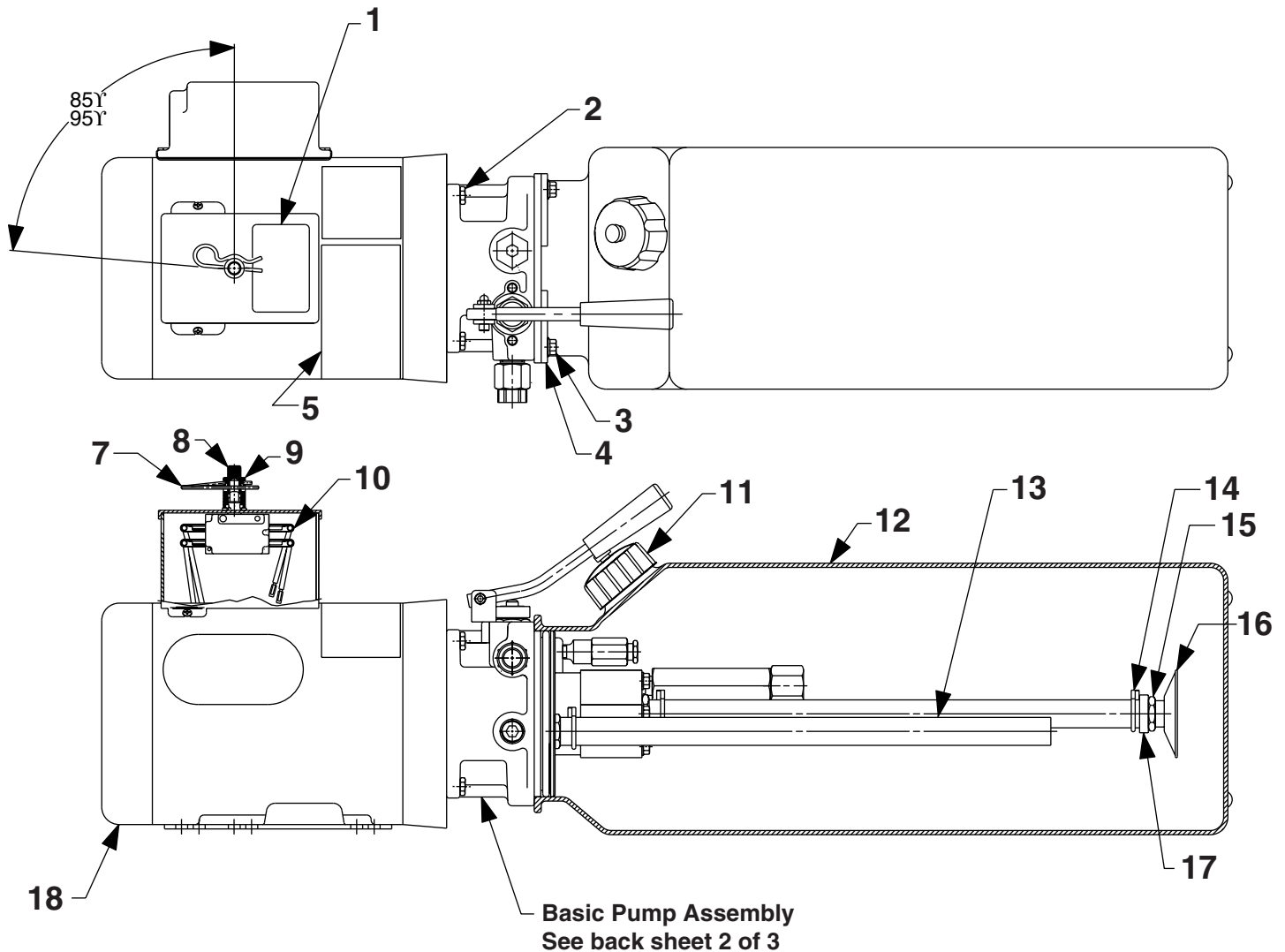
Form No. 108044

Parts List for:

A93218
B121044
GPM20A30F-NG
GPM20A31F

MODEL D ELECTRIC HYDRAULIC GEAR PUMP

To Parts
List



Sheet No. 1 of 3

Rev. 6 Date: 20 Oct. 2000

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	10009	4	Screw, Hex HD Cap (1/4-20 x 3/4)
4	253538	4	Support, Reservoir Flange
5	351667	1	Decal, Warning
7	253477	1	Clip, Hair Pin (.09 x 2.00)
8	351943	1	Pin
9	421862	1	Sleeve
10	351867	2	Assembly, Wire
11	252646	1	Cap, Filler Breather
12	66146	1	Reservoir (3.5 Gallon)
13	252630	2.33 Ft.	Tubing, Plastic
14	252756	3	Clamp, Hose
15	252617	1	Fitting, Hose (1/2-20 UNE)
16	29682	1	Filter
17	253331	1	Magnet
18	501018	1	Motor, Elec (208/230V, 60 Hz)

} For GPM20A30F-NG & A93218

PARTS INCLUDED BUT NOT SHOWN

352052	1	Cover, Switch Box	} Replacement parts for electric motor
352044	1	Box, Switch	
253411	1	Boot, Pushbutton	
351885	1	Switch, Pushbutton	
352053	1	Capacitor	
352057	1	Cover, Capacitor	



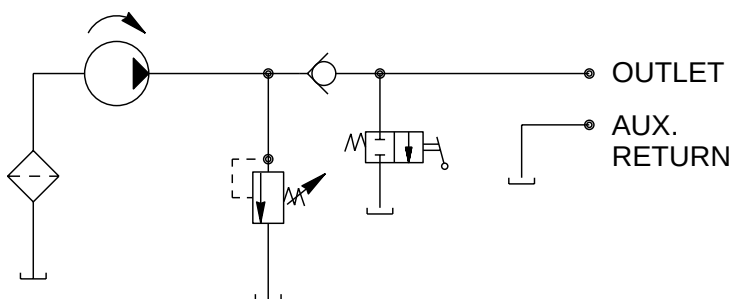
Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

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.

Note: Shaded areas reflect last revision(s) made to this form.

HYDRAULIC SCHEMATIC

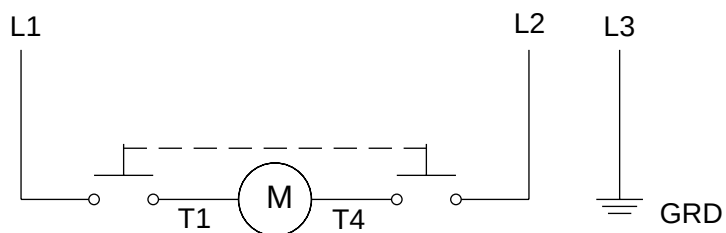


INTERNAL RELIEF VALVE

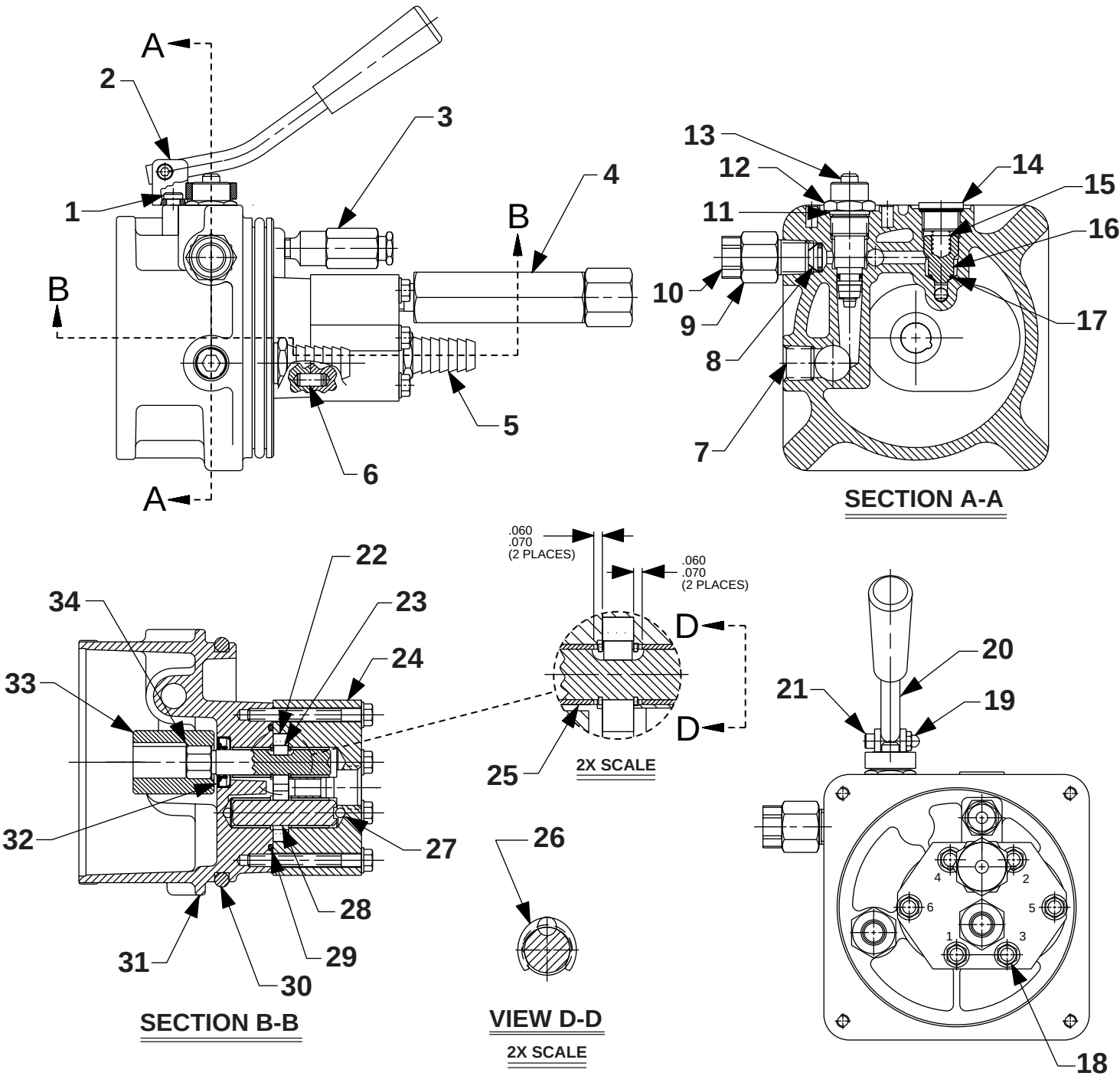
Set at 3,100/3,500 PSI (For GPM20A30F-NG)

Set at 3,200/3,600 PSI (For GPM20A31F, A93218 & B121044)

ELECTRICAL SCHEMATIC



BASIC PUMP ASSEMBLY



Item No.	Part No.	No. Req'd	Description
1	253493	1	Screw, Hx Soc Tap (1/4-20 x .50; Torque to 70 in. lbs.)
2	351963	1	Bracket, Mounting
3	421638-30	1	Valve, Relief (Set at 3,100/3,500 PSI; For GPM20A30F-NG)
	421638-31	1	Valve, Relief (Set at 3,200/3,600 PSI; For GPM20A31F, A93218 & B121044)
4	351834	1	Valve, Soft Start
5	252618	2	Fitting, Hose (1/2 NPTF)
6	15156	2	Pin, Dowel (.25 x .50)
7	16232	1	Fitting, Plug (3/8 PTF)
8	253519	1	Filter
9	253491	1	Fitting, Straight (3/8 NPT x 9/16 ORB)
10	250962	1	Fitting, Plug (9/16-18 Plastic)
11	10527	1	O-ring (.81 x .64 Nitrile)
12	351787	1	Cap, Release Valve
13	351633	1	Valve, Release
14	214014	1	Fitting, Plug (1/2 Tube)
15	10425	1	Spring (.37 OD x .75 x .03 WS)
16	351827	1	Body, Poppet
17	14763	1	O-ring (.43 x .31 Urethane)
18	253494	6	Screw, Hx HD Tap (1/4-20 x 2.25; Cross torque to 120 in. lbs. in order shown.)
19	207405	1	Nut, Hex Lock (10-24)
20	351785	1	Handle
21	253086	1	Screw, Socket (10-24 x 7/8)
22	421819-2.0	2	Gear
23	253070-2.0	1	Key
24	65918-2.0	1	Body, Pump
25	253071	4	Bearing, Sleeve
26	253072	2	Ring, Retain Ext. (0.44 x .035; Position retaining ring to keyway as shown.)
27	12223	2	Ball (3/16" Dia. Steel)
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	351627-2.0	1	Shaft

PARTS INCLUDED BUT NOT SHOWN

13273	1	Fitting, Plug (3/8 NPT; For GPM20A31F, A93218 & B121044)
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