



BILL OF MATERIAL & PARTS

NO	QTY	NOMENCLATURE	MATERIAL #1, #2	MATERIAL #15, #30
1	1	BODY	GRAY IRON	HYD. BRONZE
2	1	PISTON	GRAY IRON	STAINLESS
3	1	LINK	GRAY IRON	GRAY IRON
4	1	PACKING NUT	BRASS	BRASS
5	1	SET PACKING		
6	1	SWIVEL	GRAY IRON	GRAY IRON
7	1	LEVER SOCKET	MALL. IRON	MALL. IRON
8	1	LEVER	MILD STEEL	MILD STEEL
9	2	NIPPLES	STEEL	RED BRASS
10	2	CHECK VALVES	BRASS	BRASS
11	1	CAP SCREW	COMM.	COMM.
12	3	MACHINE BOLTS	COMM.	COMM.

FOR #3 & #4 PUMPS -
SEE SEPARATE DRAWING

#15 & #30 Pumps
Assembled with
poppet check valves
(not lift type as
shown)

PUMP NO.	"A" HT. TO SWIVEL	"B" C.TOC. LINK	"C" HT. OA.	"D" HT. VALVES	"E" DIA. BASE	"F" NO. BOLTS	"G" O.D. BODY	"H" PISTON DIA.	"I" SIZE VALVES	"J" DIST. VALVES	"K" EFF. LGTH. LEVER
#1	7 3/4	4 1/2	12 3/8	2	6	2	2	1	3/4	12 1/2	15 3/8
#2	8 1/2	4 1/2	13 5/8	2 1/2	7 3/8	2	2 3/8	1 1/2	1	11 7/8	15 1/4
#15	8 3/8	4 1/2	13 1/2	2 1/2	6	4	2	7/8	3/4	12 1/4	17 1/4
#30 1/2	9 3/8	4 1/2	14 1/2	3 1/2	7	4	2 1/4	3/4	1/2	11 3/8	19 1/2

Bolt hole positions are approximate. Match drill to mount or specify on purchase order: "Pump to be mounted per drawing."

WEST END MACHINE SHOP
1405 BROWN ST., WILMINGTON, DE 19805
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5/1/86

WILMINGTON DELAWARE

HYDRAULIC PRESSURE
TEST PUMPS

AUGUST 1968
DWN BY: WEH3

DWG 102

NO SCALE