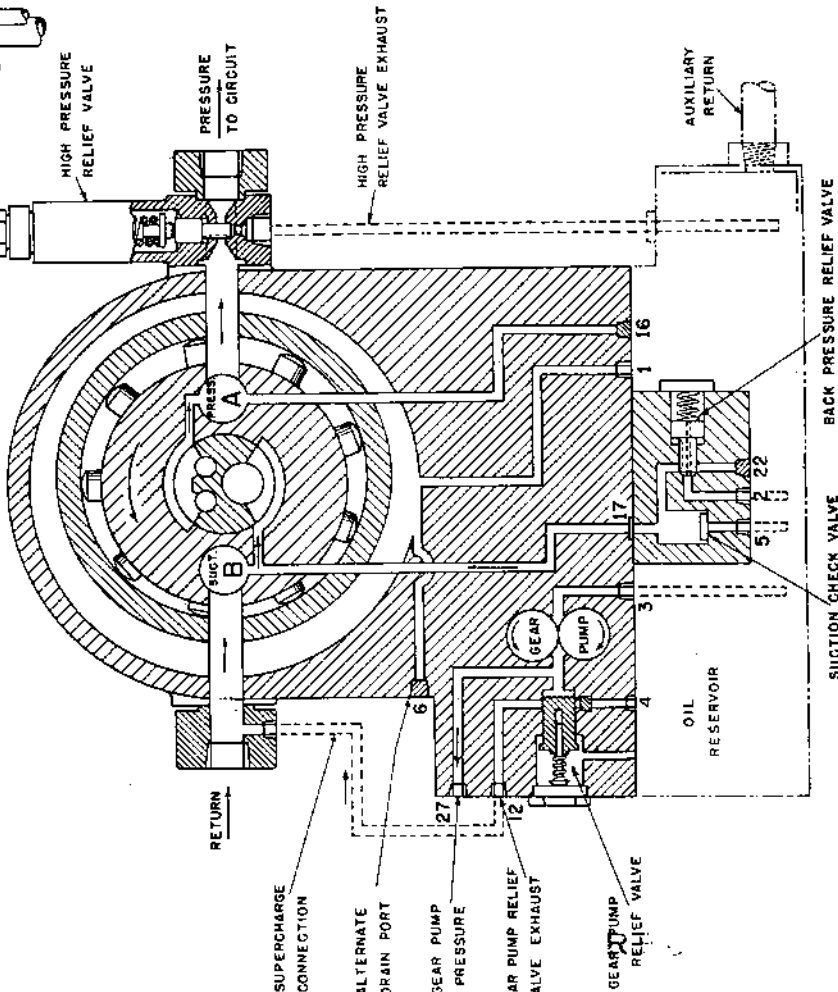
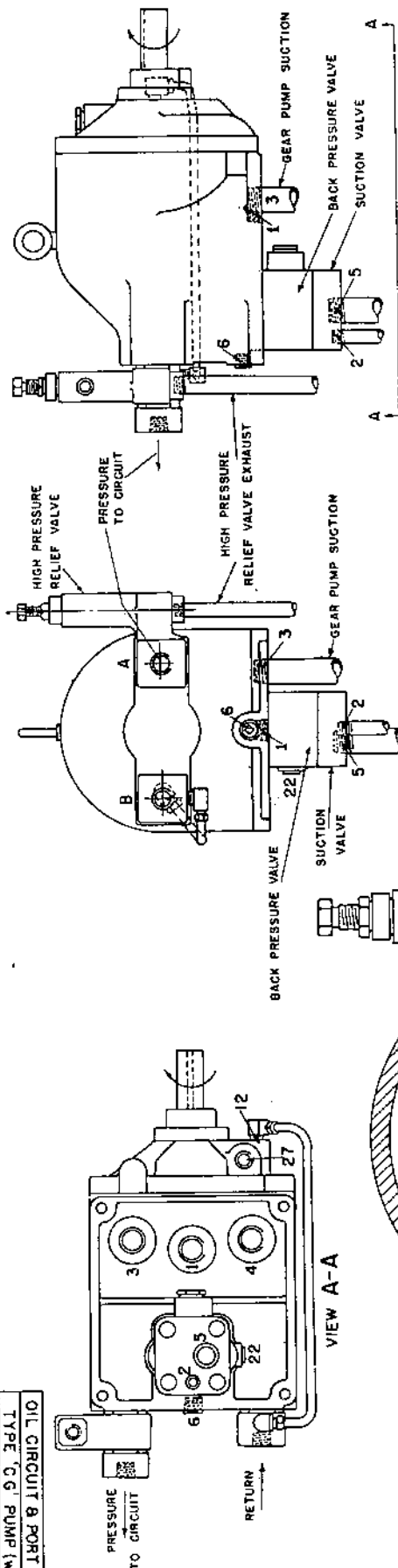


OIL CIRCUIT & PORT DIAGRAM
TYPE 'GG' PUMP (WITH VALVE)
OR G.M. CH. 67A
APR. 6, 54
54616-A



PORT DATA

PORT NO.	PUMP SIZE	PIPE TAP SIZES	4	6	8	12	16	20	25	30	40	50	60	80	100	150
A	HIGH PRESSURE CONN.		3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
B	RETURN CONNECTION		3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
1	CASE DRAIN		3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
2	EXCESS RETURN EXHAUST		3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10
3	GEAR PUMP SUCTION		3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
4	GEAR PUMP DRAIN		3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
5	SUCT. VALVE INTAKE PORT		3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
6	ALTERNATE DRAIN		3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
12	G.P. RELIEF VALVE EXH.		1/2	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10
16	PORT FOR 'A'		3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
17	PORT FOR 'B'		3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
22	SUCT. VALVE OUTLET PORT		3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10
27	GEAR PUMP PRESSURE		1/2	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10

OILGEAR TYPE 'GG' PUMP
WITH SUCTION AND BACK PRESSURE VALVE

NOTE
OIL CIRCUIT SHOWS THE PUMP LOOKING FROM THE FLANGE END.
DOTTED LINES --- SHOW EXTERNAL PIPE LINES.
CORED OR DRILLED PASSAGES SHOWN THUS
OPEN PORTS THUS
PLUGGED PORTS THUS
PARTS DRAWING DS-946201-B