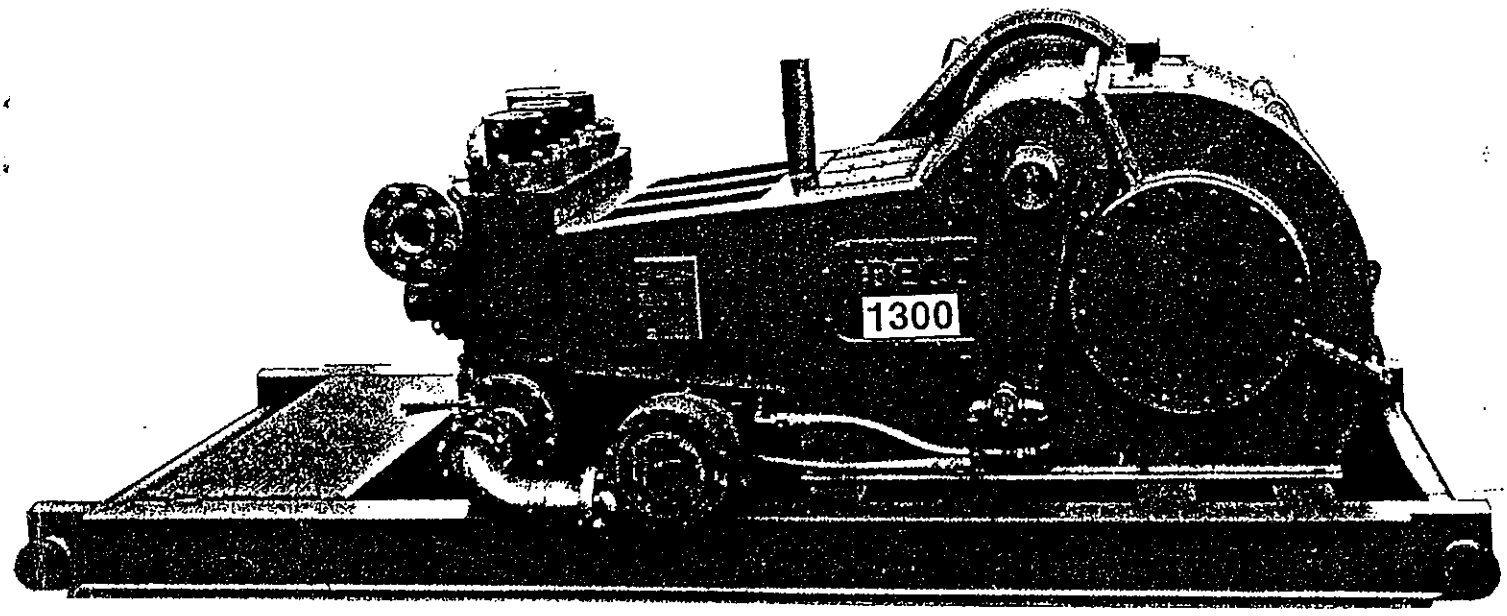
10-58

BULLETIN NO. T-1300-81

IDECO

PARTS BOOK
and MAINTENANCE GUIDE



Technical Department

TRIPLEX MUD PUMP

T-1300

IDECO

For parts and service contact your IDECO district sales office in your area

When ordering parts always furnish the following information to assure prompt delivery:

1. **Serial number of machine.**
2. **Part name, part number and quantity required.**
3. **Whether to ship by freight, express, or parcel post.**

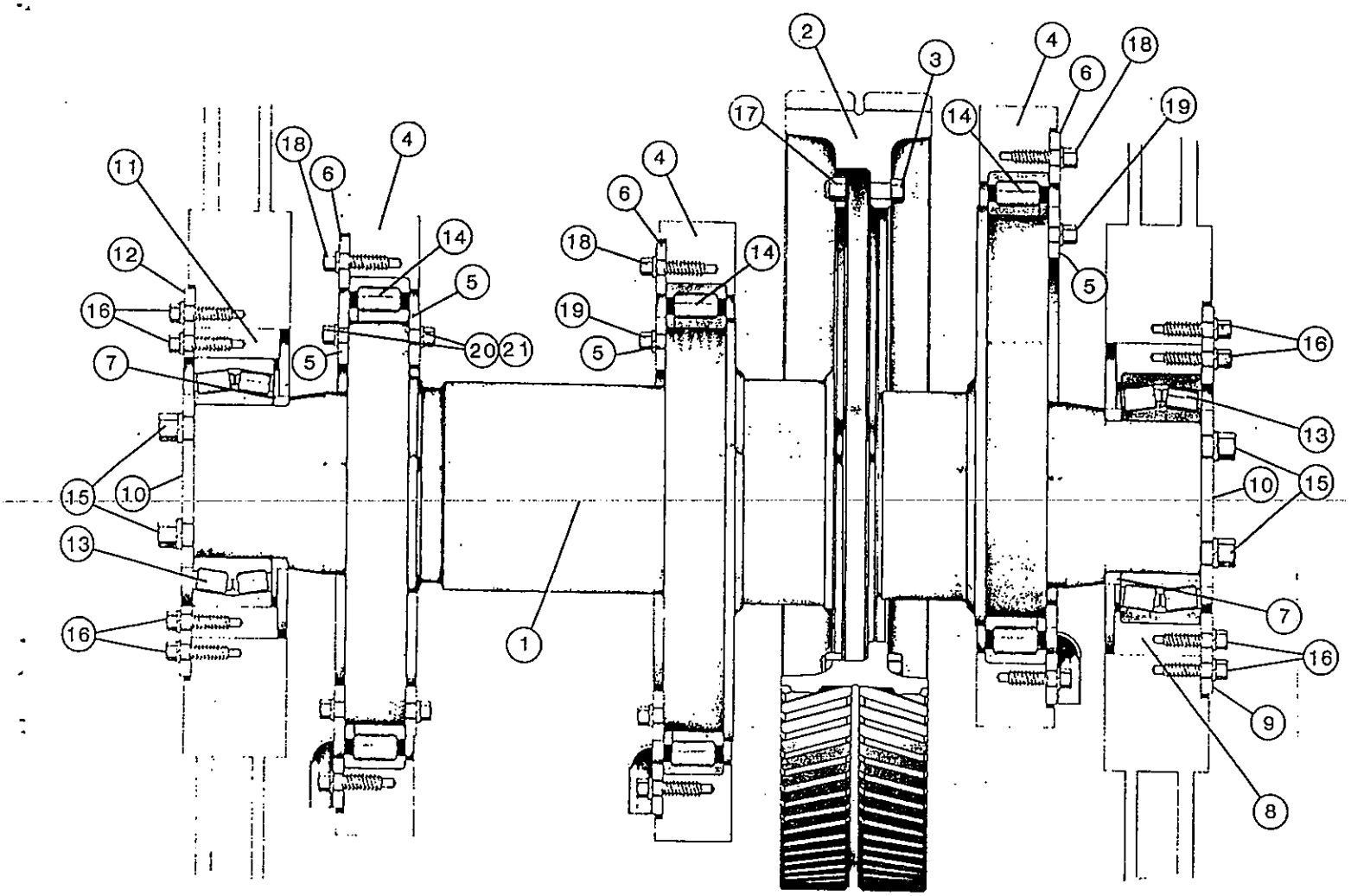
Claims for shortages or errors should be made immediately upon receipt of material.

IDECO DIVISION, DRESSER INDUSTRIES, INC.
P.O. BOX 3350, BEAUMONT, TEXAS 77704

PARTS LIST FOR
CRANKSHAFT ASSEMBLY

ITEM NO.	PART NO.	WT. EACH*	DESCRIPTION	QTY.
1	551-100-01	5596	CRANKSHAFT	1
2	551-100-03	1550	BULL GEAR	1
3	551-100-13		1½" DIA. GEAR BOLT	16
4	551-100-04	1265	CONNECTING ROD	3
5	551-100-05	104	INTERNAL RETAINING RING	4
6	551-100-06	63	EXTERNAL RETAINING RING	3
7	551-100-07	26	SPACER	2
8	551-100-08	395	FIXED BEARING CARRIAGE	1
9	551-100-09	61	MAIN BEARING RETAINER RING	1
10	551-100-10	21	RETAINER PLATE	2
11	551-100-11	385	FLOATING BEARING CARRIAGE	1
12	551-100-12	57	FLOATING BEARING RETAINER RING	1
13	IB-1330	236	MAIN BEARING	2
14	IB-670	300	ECCENTRIC BEARING	3
15	CJ-22		1" N.C. HEX HEAD BOLT 2¼" LG. W/LOCK WASHER	8
16	CH-22		¾" N.C. HEX HEAD BOLT 2¼" LG. W/LOCK WASHER	32
17	IN-418		1½" HEAVY INDUSTRIAL HEX ELASTIC STOP NUT	16
18	CH-22		¾" N.C. HEX HEAD BOLT 2¼" LG. W/LOCK WASHER	24
19	CH-30		¾" N.C. HEX HEAD BOLT 3" LG. W/LOCK WASHER	16
20			¾" N.C. HEX HEAD BOLT X 8½" LONG	8
21			¾" N.C. ELASTIC STOP NUT	8
			1/16" DIA. WIRE (LENGTH AS REQ'D.)	

APPROXIMATE FINISHED WEIGHT OF ASSEMBLY = 14,500 LBS.
* UNITS IN LBS.

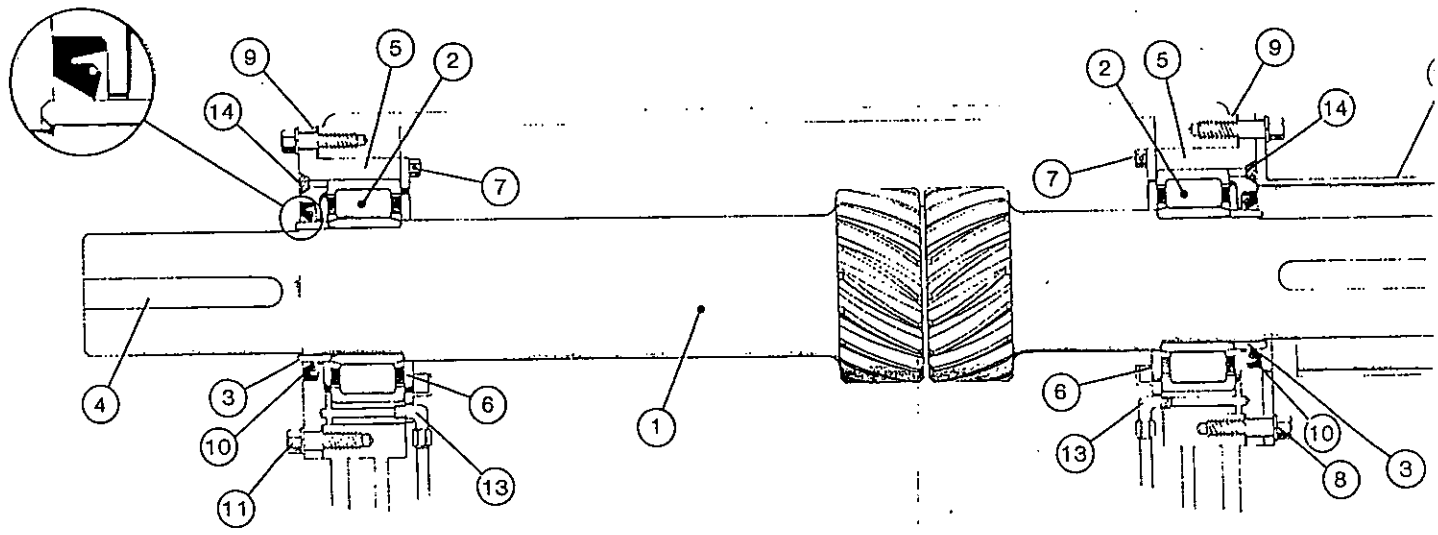


PARTS LIST FOR
PINION ASSEMBLY

ITEM NO.	PART NO.	WT. EACH*	DESCRIPTION	QTY
1	551-101-01	2375	PINION SHAFT	1
2	IB-657	106	PINION BEARING	2
3	551-101-06	24	OIL SEAL RACE	2
4	BMT-1012-85	7	KEY 2" X 1" X 11" LONG	1
5	551-101-04	275	BEARING HOUSING	2
6	551-101-03	32	BEARING RETAINER	2
7	CG-16		⅝" N.C. DRILLED HEAD BOLT 1¾" LG. W/LOCK WASHER	16
8			1" N.C. HEX HEAD BOLT 3¼" LG. W/LOCK WASHER	1
9	450-02-06		GASKET	2
10	IO-404	2	OIL SEAL	2
11			1" N.C. HEX HEAD BOLT 2½" LG. W/LOCK WASHER	
12	551-101-02	113	PINION SHAFT COVER	
13			⅜" TUBE TO ¼" NPT 90° ELBOW	
14			⅜" NPT SOCKET HEAD PIPE PLUG	
			1/16" DIA. WIRE (LENGTH AS REQ'D.)	

APPROXIMATE FINISHED WEIGHT OF ASSEMBLY = 3325 LBS.

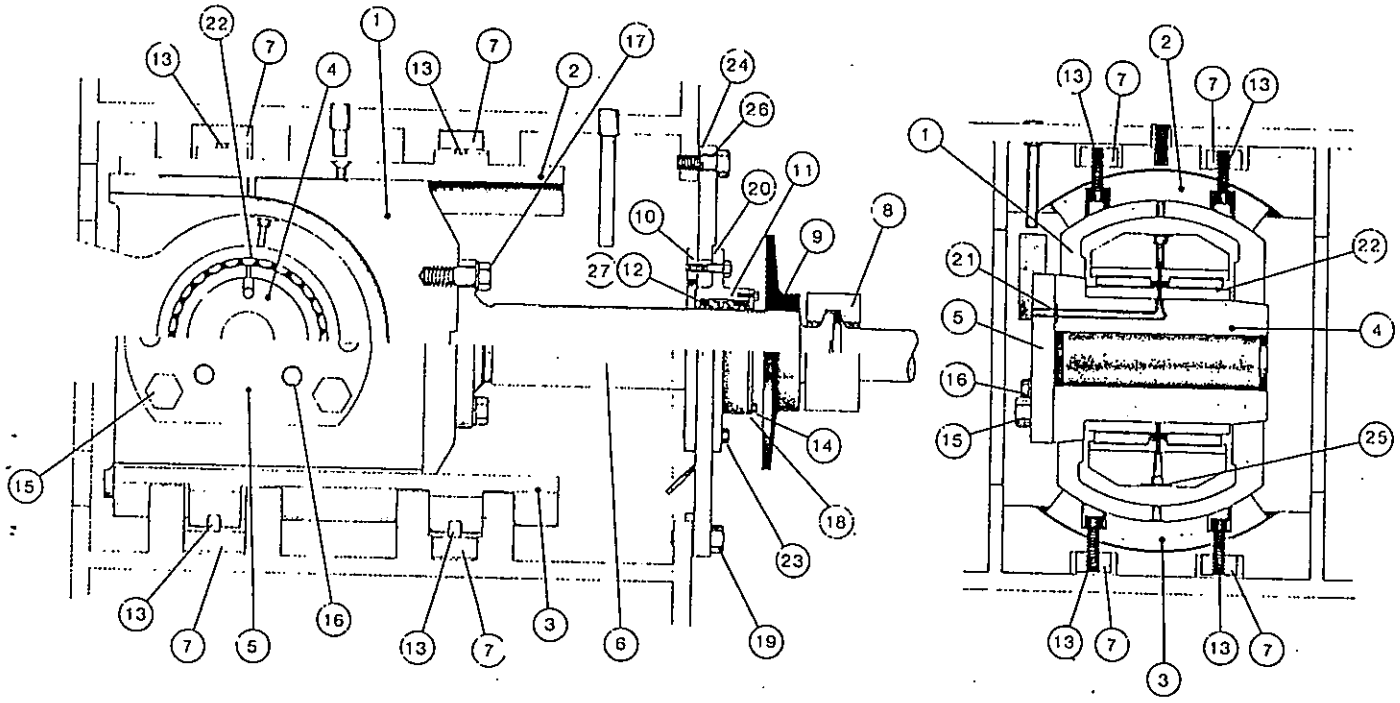
* UNIT IN LBS.



PARTS LIST FOR
CROSSHEAD ASSEMBLY

ITEM NO.	PART NO.	WT. EACH*	DESCRIPTION	QTY.
1	551-106-01	748	CROSSHEAD	3
2	551-106-02	151	UPPER CROSSHEAD GUIDE	3
3	551-106-03	154	LOWER CROSSHEAD GUIDE	3
4	551-106-04	170	WRIST PIN	3
5	551-106-05	63	WRIST PIN RETAINER PLATE	3
6	551-106-06	145	EXTENSION ROD	3
7	551-106-07	4	TAP PAD	24
8	551-106-08	33	CLAMP	3
9	450-06-12	3	MUD BAFFLE DISC.	3
10	551-106-15	18	TAPPED RETAINER RING	3
11	551-106-13	31	STRIPPER BOX	3
12	IP-804	2	STRIPPER BOX PACKING	3
13			¾" SOCKET HEAD BOLT 2½" LG. W/LOCK WASHER	24
14			½" HEX HEAD BOLT 1½" LG. W/LOCK WASHER	18
15	CL-36		1¼" N. C. HEX HEAD BOLT 3¾" LG. W/LOCK WASHER	12
16	CH-30		¾" N.C. HEX HEAD BOLT 3" LG. W/LOCK WASHER	12
17	CJ-26		1 N.C. HEX HEAD BOLT 2¾" LONG W/LOCK WASHER	12
18	551-106-14	2	RETAINER PLATE	3
19	IC-1907		⅝" N.C. HEX HEAD SELF-LOCKING BOLT 2" LG. W/IG-230 COPPER WASHER	24
20			11½" ID X 12¾" OD X ⅛" GASKET	3
21	324-HXA		O-RING	3
22	IB-671	100	CROSSHEAD BEARING	3
23	IC-1911		⅞" N.C. HEX HEAD SELF-LOCKING BOLT 2¾" LG. W/IG-232 COPPER WASHER	18
24	551-102-05		SUPPORT PLATE GASKET	3
25			¼" NPT SQUARE HEAD PIPE PLUG	3
26	551-104-16	102	CROSSHEAD WIPER SUPPORT PLATE	3
27	551-106-12	3	LANTERN RING	3
28	551-106-18		LOWER GUIDE SHIM PACK	3
			1/16" DIA. WIRE (LENGTH AS REQ'D.)	

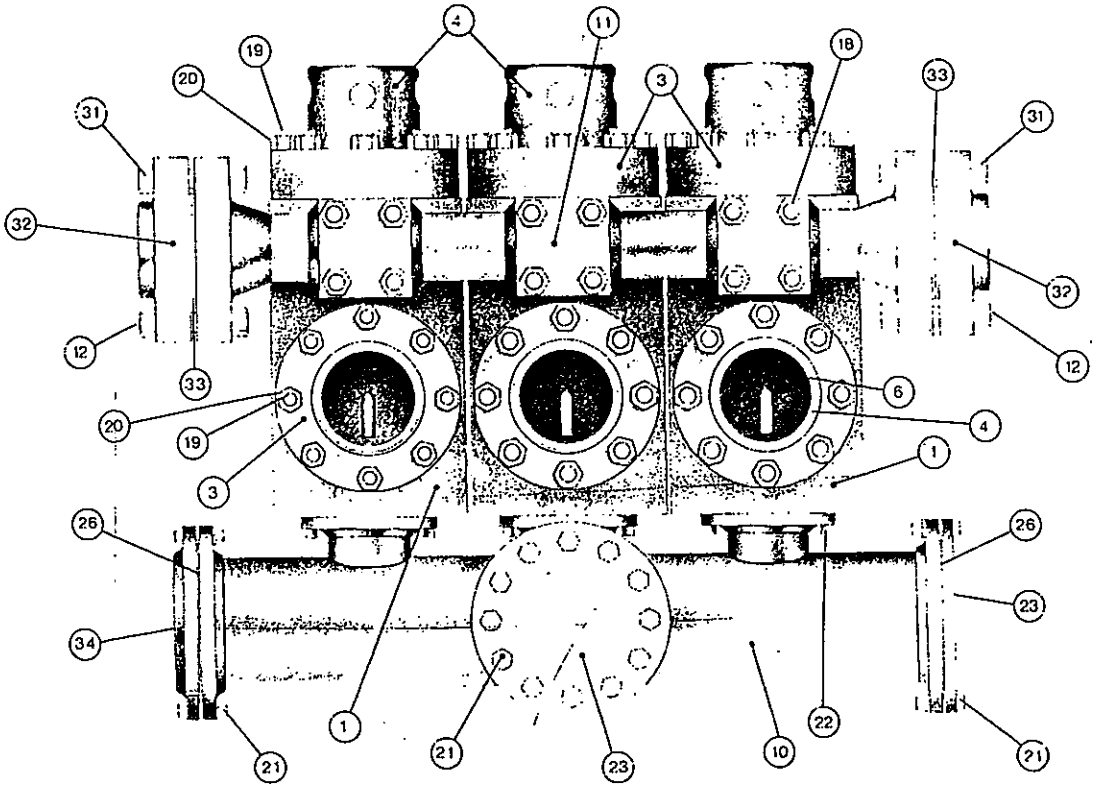
APPROXIMATE FINISHED WEIGHT OF ASSEMBLY = 4950 LBS.
* UNITS IN LBS.

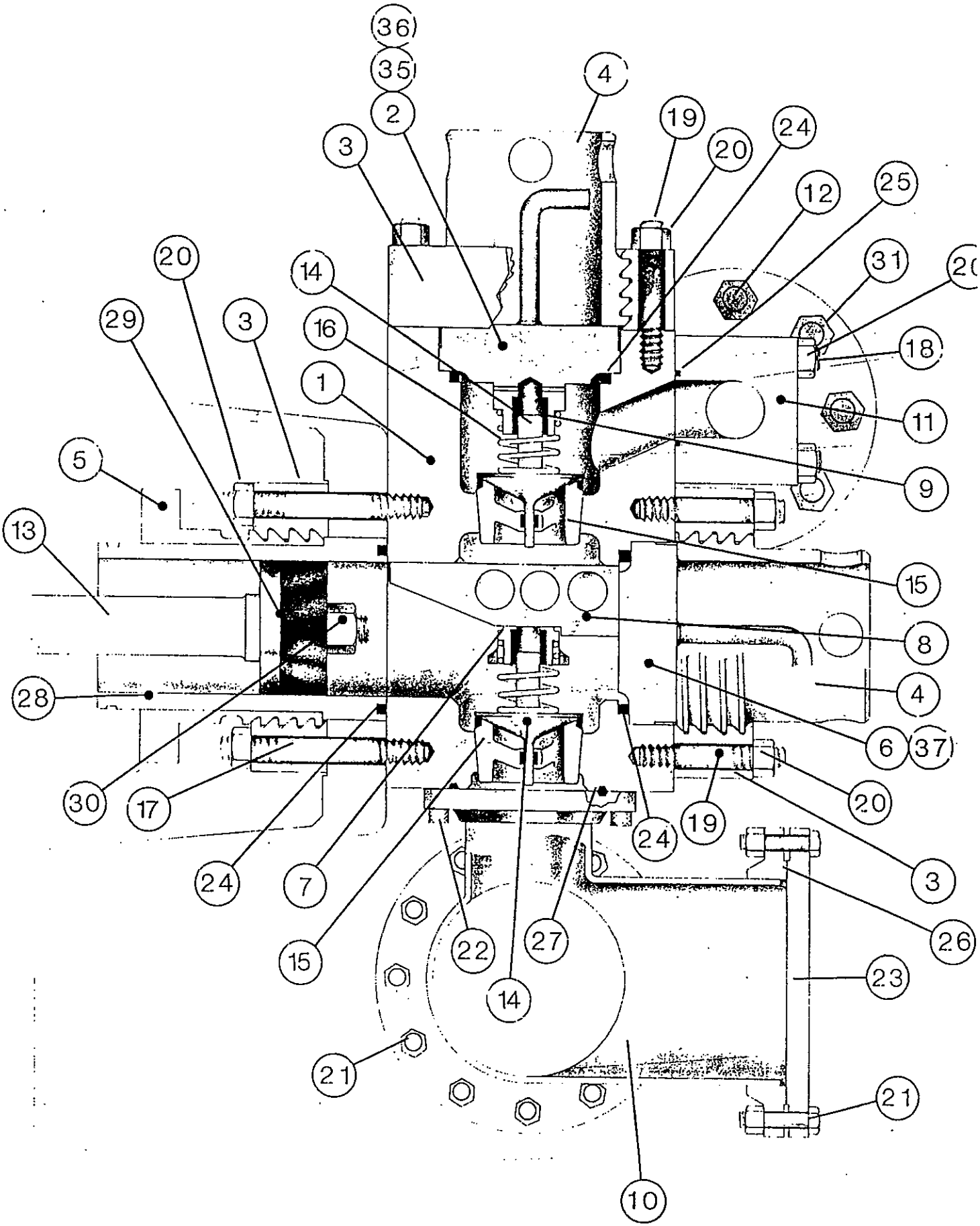


PARTS LIST FOR
FLUID END ASSEMBLY

ITEM NO.	PART NO.	WT. EACH*	DESCRIPTION	QTY.
1	551-122-01	2248	FLUID END BLOCK	3
2	551-122-02	57	CYLINDER HEAD PLUG (TOP)	3
3	551-105-03	233	THREADED RING	9
4	551-105-04	172	THREADED PLUG RETAINER	6
5	551-105-05	116	THREADED LINER RETAINER	3
6	551-122-02	57	CYLINDER HEAD PLUG	3
7	551-105-07	5	LOWER VALVE GUIDE	3
8	551-105-08	10	LOWER VALVE GUIDE RETAINER	3
9	551-105-09		VALVE GUIDE INSERT	6
10	551-105-10	721	SUCTION MANIFOLD	1
11	551-105-11	392	DISCHARGE MANIFOLD	1
12	551-105-14		FLANGE STUD	16
13	551-105-13	41	PISTON ROD	3
14		5	API NO. #7 VALVE	6
15		5	API NO. #7 VALVE SEAT	6
16			API NO. #7 VALVE SPRING	6
17	551-110-01	5	STUD	24
18	551-110-02	5	STUD	12
19	551-110-03	5	STUD	48
20	IN-415		NUT	104
21			⅜" DIA N. C. HEX HEAD BOLT 4" LG. W/HEX NUT AND LOCK WASHER	36
22	IC-1872		¾" DIA. HEX SOCKET HEAD BOLT 2½" LG. W/LOCK WASHER	24
23	IF-334	110	12" - 150# R.F. BLIND FLANGE	2
24	BMT-1669-63-08		PLUG & LINER SEAL	9
25	IO-548		HEADER SEAL	3
26	IG-271 ✓		¼" NEOPRENE GASKET	3
27	IO-507		O-RING	3
28	551-112		FLUID END LINER	3
29		5	PISTON	3
30	IN-426		1½" ELASTIC STOP NUT	3
31	IN-416		NUT	12
32	IF-332	130	5" A.S.A. 1500# R.J. SCREWED FLANGE	2
33	IG-258		RING JOINT GASKET R-44	2
34	IF-335	64	12" - 150# R.F. THREADED FLANGE	1
35	551-105-06	10	UPPER VALVE GUIDE	3
36	IC-1873		⅝" DIA. N.C. HEX HEAD STAINLESS BOLT 1½" LG. W/LOCK WASHER	12
37			⅝" DIA. N.C. HEX HEAD BOLT 1" LG. W/LOCK WASHER	12

APPROXIMATE FINISHED WEIGHT OF ASSEMBLY = 12800 LBS.
* UNITS IN LBS.



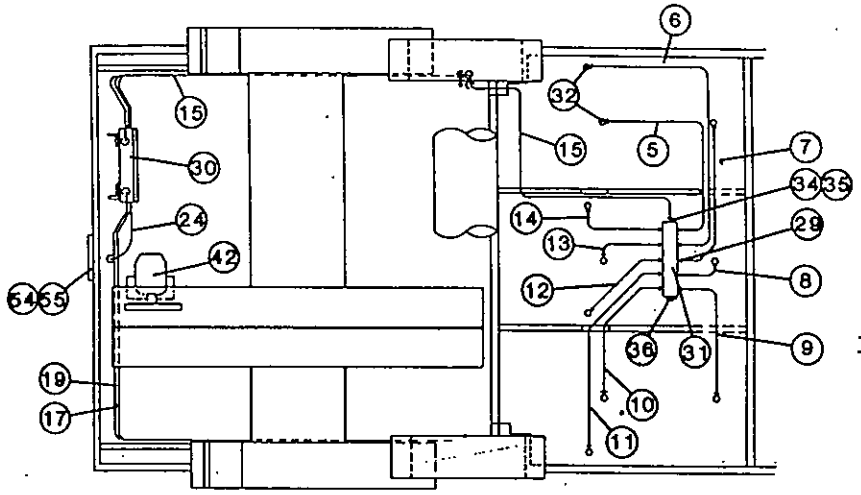

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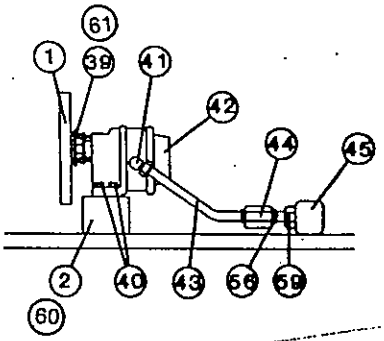
PARTS LIST FOR
LUBRICATION ASSEMBLY

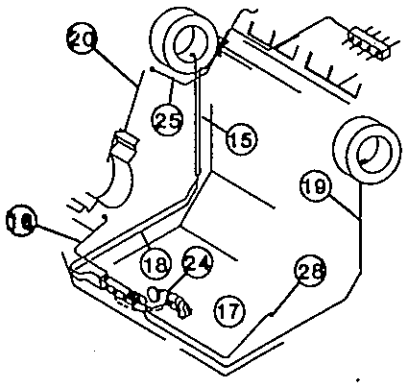
ITEM NO.	PART NO.	WT. EACH*	DESCRIPTION	QTY.
1	551-108-01	12	PUMP DRIVE GEAR	1
2	551-108-03	10	LUBRICATION PUMP BASE	1
3	551-108-17	10	OIL CUP	2
4	551-108-19		OIL CUP GASKET	2
5			⅜" COPPER LUBRICATION TUBE	1
6			⅜" COPPER LUBRICATION TUBE	1
7			⅜" COPPER LUBRICATION TUBE	1
8			⅜" COPPER LUBRICATION TUBE	1
9			⅜" COPPER LUBRICATION TUBE	1
10			⅜" COPPER LUBRICATION TUBE	1
11			⅜" COPPER LUBRICATION TUBE	1
12			⅜" COPPER LUBRICATION TUBE	1
13			⅜" COPPER LUBRICATION TUBE	1
14			½" COPPER LUBRICATION TUBE	1
15			⅜" COPPER LUBRICATION TUBE	1
16			⅜" COPPER LUBRICATION TUBE	1
17			⅜" COPPER LUBRICATION TUBE	1
18			⅜" COPPER LUBRICATION TUBE	1
19			⅜" COPPER LUBRICATION TUBE	1
20			⅜" COPPER LUBRICATION TUBE	1
21			⅜" COPPER LUBRICATION TUBE	1
22			⅜" COPPER LUBRICATION TUBE	1
23			⅜" COPPER LUBRICATION TUBE	1
24			⅜" COPPER LUBRICATION TUBE	1
25			⅜" COPPER LUBRICATION TUBE	1
26			⅜" X 3000# COUPLING	2
27			⅜" TUBE TO ⅜" PIPE 90° ELBOW	6
28			⅜" TUBE TO ¼" PIPE (STRAIGHT CONNECTOR)	14
29			MANIFOLD (GEAR CASE)	1
30	551-108-05	10	MANIFOLD (OIL PLATE)	1
31	551-108-04	10	⅜" TUBE TO ¼" PIPE 90° ELBOW	15
32			¼" X 4½" LONG (THREAD ONE END)	4
33			½" TUBE TO ½" PIPE (STRAIGHT CONNECTOR)	2
34			½" NPT TO ¾" NPT BUSHING	2
35			¾" NPT PLUG	2
36			¼" X 3000# COUPLING	1
37			½" NPT PLUG	1
38			Q.D. HUB J.B. W/⅝" BORE 3/16" X 3/32" KEYWAY	1
39	IH-269	4	⅜" NC X 1¼" LONG HEX HEAD BOLT W/LOCK WASHER	4
40			½" STANDARD STREET ELBOW	2
41			OIL PUMP B & S #2	1
42	IP-424		½" PIPE 3½" LONG (THREAD BOTH ENDS)	1
43			½" STANDARD 45° SCREWED ELBOW	1
44			STRAINER	1
45	IF-244	4	RELIEF VALVE	1
46	IV-118	3	¼" PIPE X 4½" LONG (THREAD ONE END)	3
47			¼" PIPE X 2" LONG (THREAD ONE END)	3
48			⅜" NPT TO ½" NPT BUSHING	1
49			⅜" TUBE TO ⅜" PIPE (STRAIGHT CONNECTOR)	1
50			TAP PAD	4
51	450-08-17		½" NC X 1" LONG HEX HEAD BOLT W/LOCK WASHER	8
52			½" HOSE ASSEMBLY	1
53	IH-404-18		OIL GAUGE (0# TO 60#)	1
54	IG-325	2	GUARD	1
55	415-54-05	4	½" PIPE X 18" LONG (THREADED BOTH ENDS)	1
56			CONDUIT CLIP	40
57			⅜" PIPE PLUG	2
58			½" TO ¾" NPT BUSHING	1
59			½" N. C. X 1" LONG, HEX HEAD BOLT W/LOCK WASHER	4
60				
61	SKB-010		3/16" SQUARE KEY X 1" LONG	

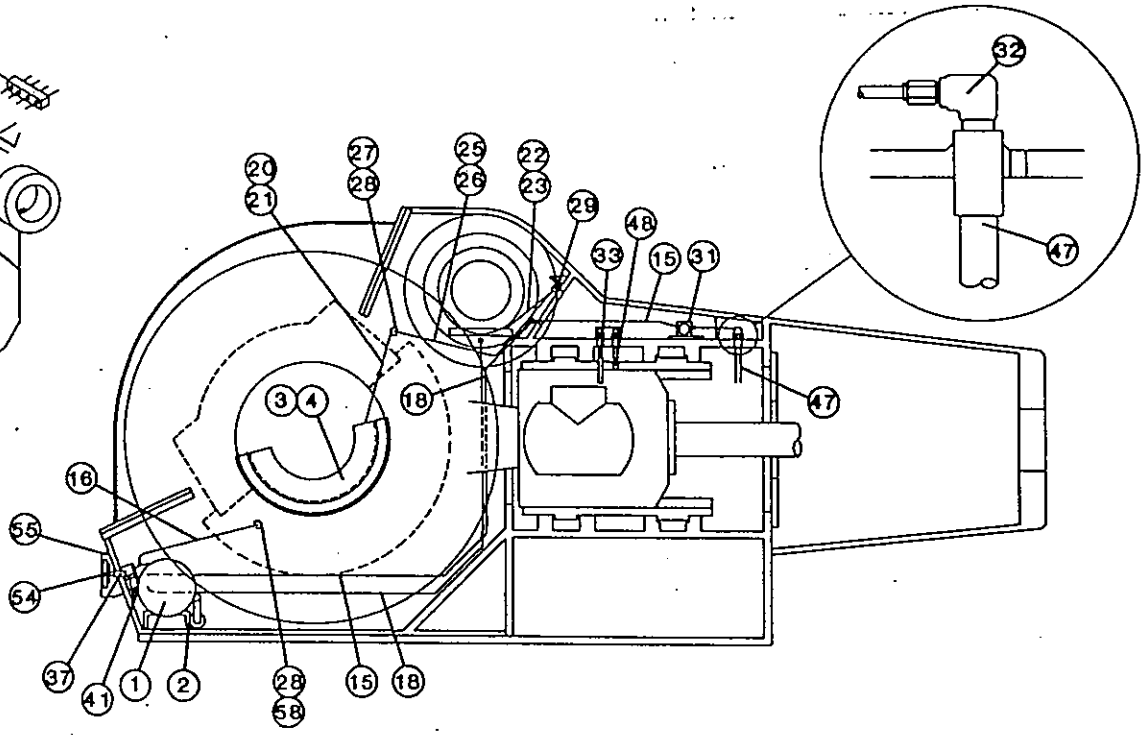
APPROXIMATE FINISHED WEIGHT OF ASSEMBLY = 175 LBS.

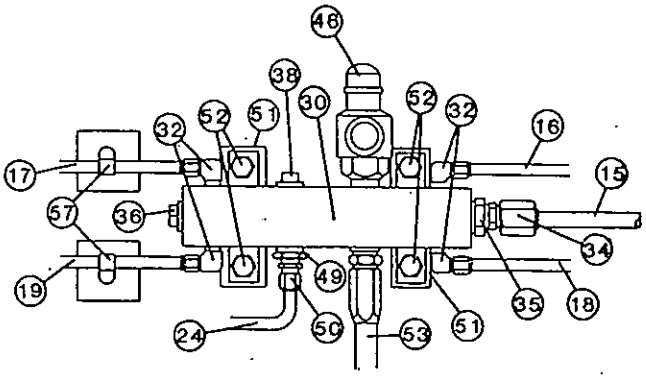
* UNITS IN LBS.


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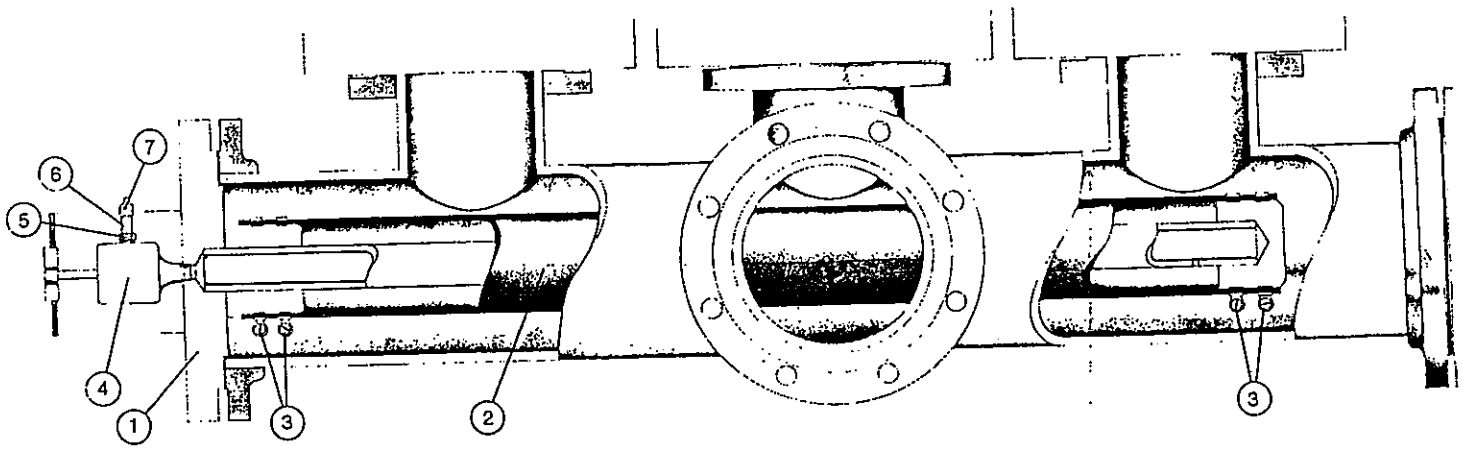

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PARTS LIST FOR
SUCTION DESURGER ASSEMBLY

ITEM NO.	PART NO.	WT. EACH*	DESCRIPTION	QTY.
1	555-113-01	211	BODY	1
2	IH-419	4	HOSE	1
3			HOSE CLAMP	4
4	IA-594	1	ANGLE VALVE	1
5			½" X ⅛" N.P.T. BUSHING	1
6	IA-595		TANK VALVE	1
7	IC-1874		VALVE STEM CAP	1

APPROXIMATE FINISHED WEIGHT OF ASSEMBLY = 220 LBS.

* UNITS IN LBS.

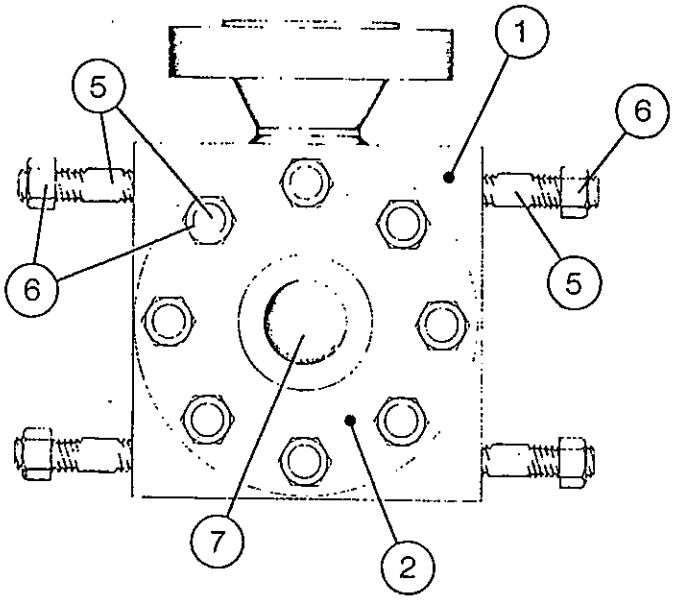


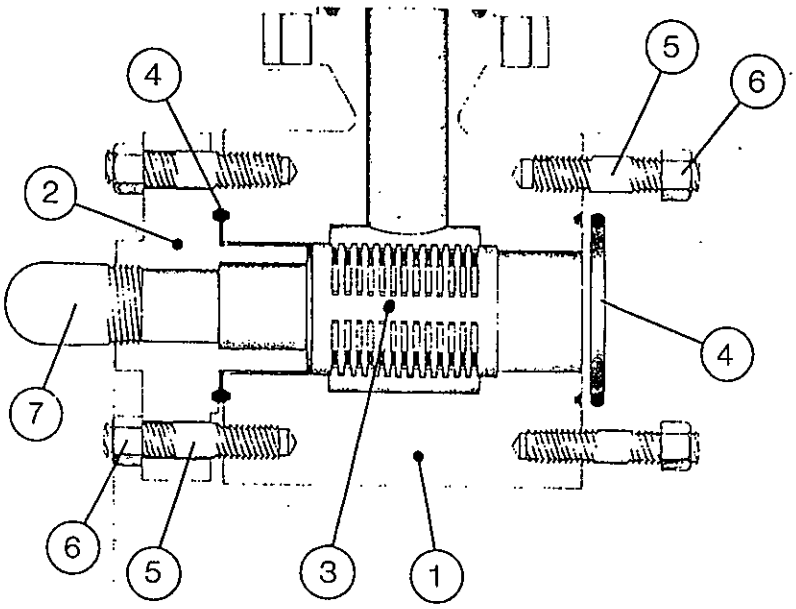
PARTS LIST FOR
STRAINER ASSEMBLY

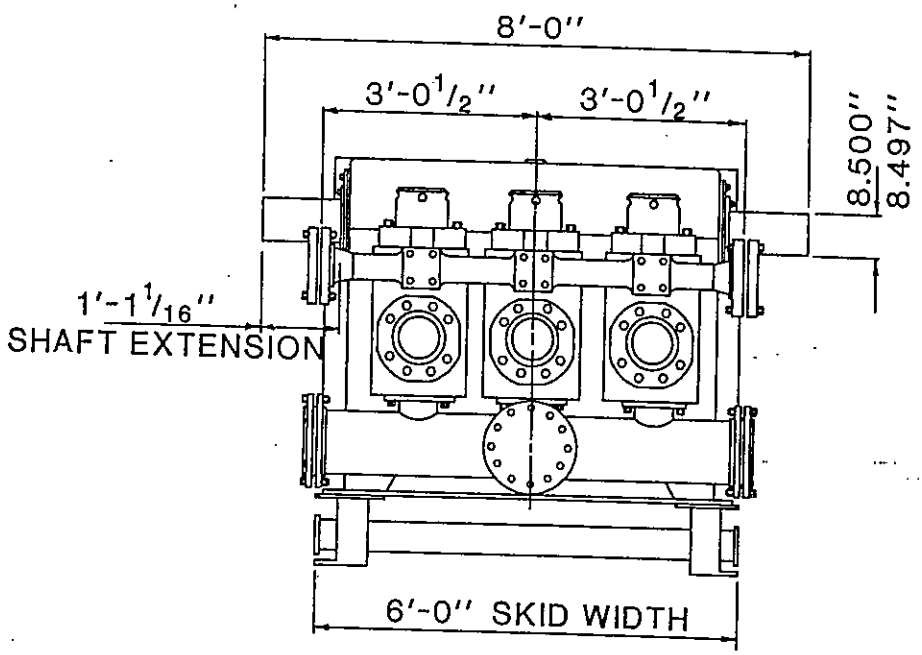
ITEM NO.	PART NO.	WT. EACH*	DESCRIPTION	QTY.
1	551-109-01	826	STRAINER BODY	1
2	551-109-02	132	FLANGE	1
3	551-109-04	9	STRAINER	1
4	IG-258		RING JOINT GASKET R-44	2
5	551-109-03	4	1½" DIA. STUD	32
6		1.5	1½" HEAVY NUT 8 U.N.-CLASS 3	32
7		7	3" X 5000 P.S.I. BULL PLUG	1

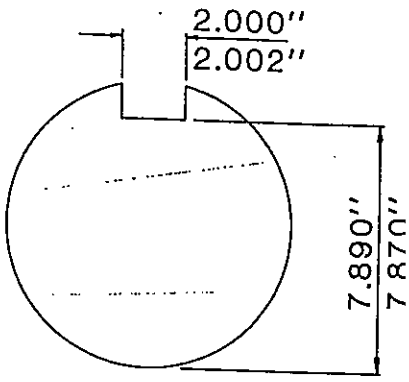
APPROXIMATE FINISHED WT. OF ASSEMBLY = 1150 LBS.

* UNITS IN LBS.









PINION SHAFT SECTION

