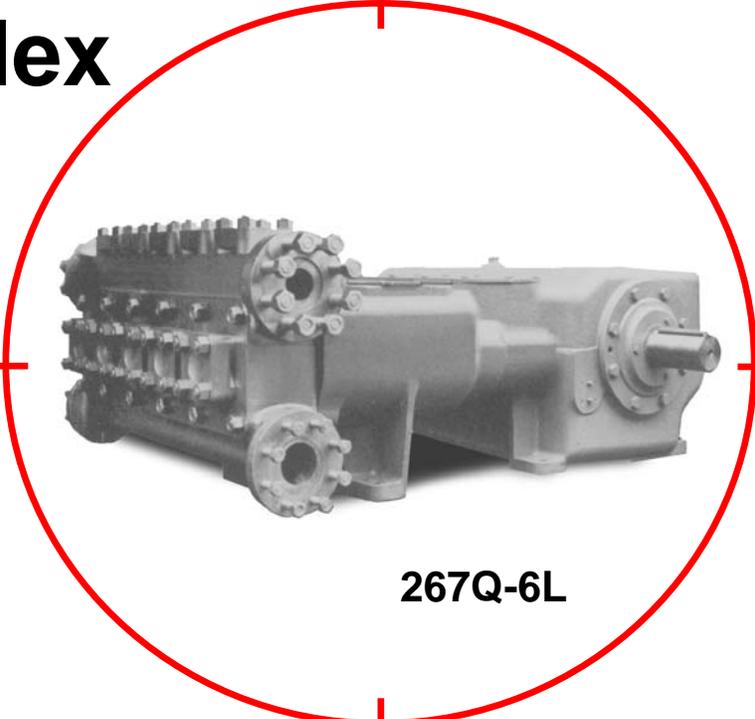
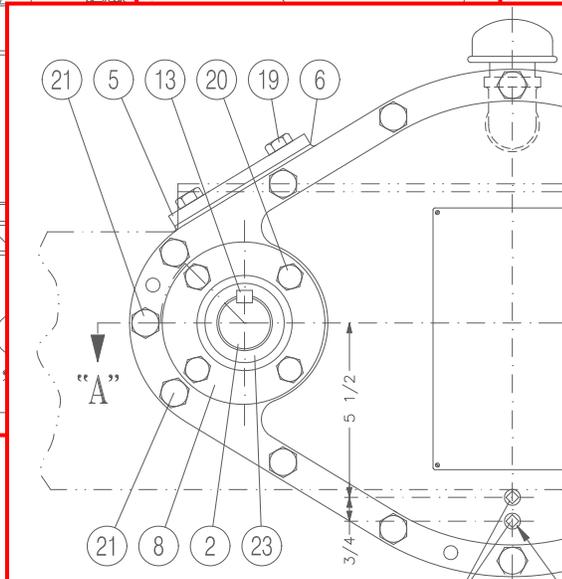
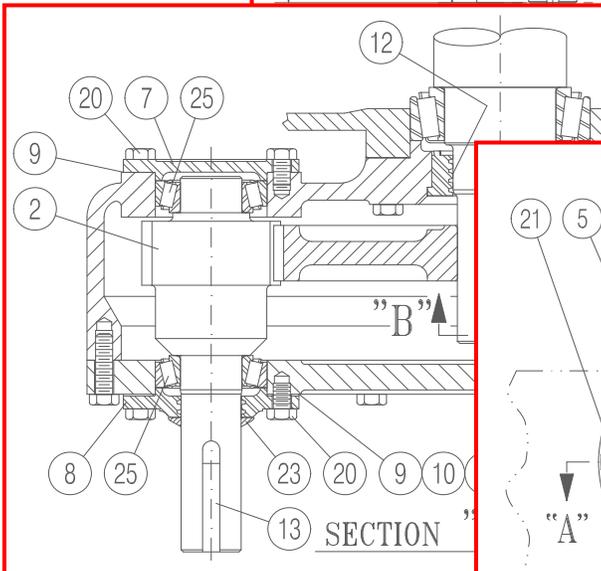
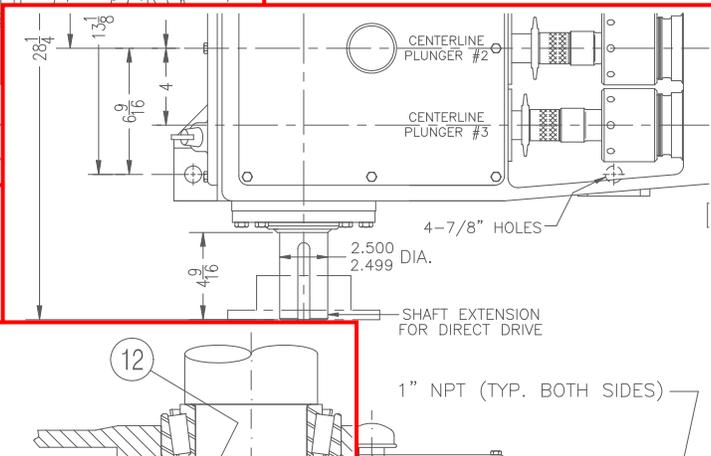
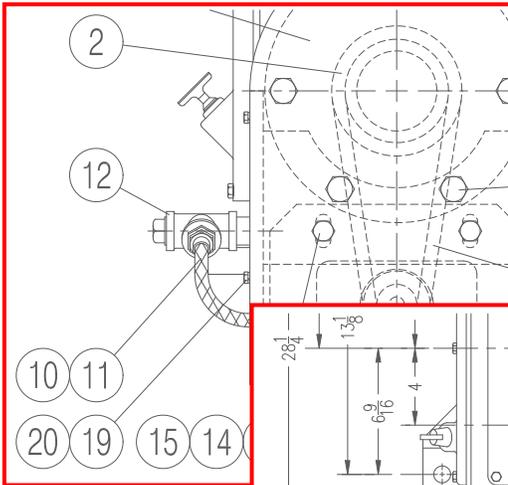


# 267Q-6L Quintuplex Plunger Pump Parts List



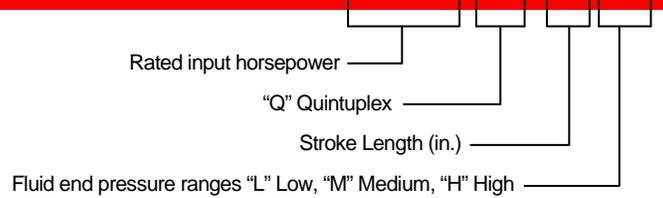
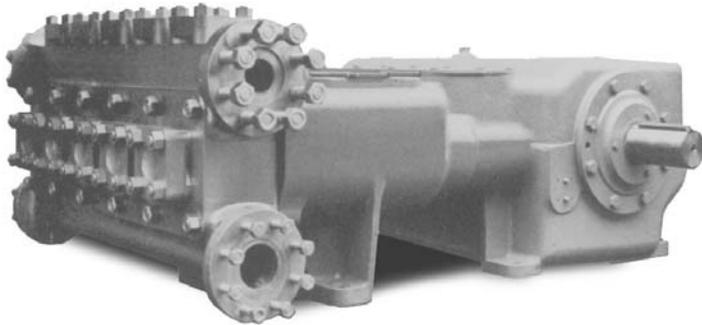
**267Q-6L**



**Types:  
267Q-6L**

**Sales / Technical Information**

USA Tollfree: 1 (800) 324-4706  
 Phone: 1 (918) 447-4600  
 Fax: 1 (918) 447-4677  
 Internet: <http://www.nov.com>



**Index and Check List:**

PAGE	DWG. NUMBER	DESCRIPTION	SERIES OF ISSUE	DATE OF ISSUE
1	P140-AA1	FLUID END ASSEMBLY	FOURTH	5-15-89
2	P138-AA1	POWER END ASSEMBLY	FOURTH	5-15-89
3	P115-AM1	DIAPHRAGM ASSEMBLY	SECOND	1-25-06
4	P192-AC1	GEAR REDUCTION UNIT FOR DIRECT DRIVE	FOURTH	5-15-89
5	P192-AD1	GEAR REDUCTION UNIT FOR OVERHUNG LOAD	FOURTH	5-15-89
6	P138-AD1	LUBRICATOR ASSEMBLY	FOURTH	5-15-89
7	P161-AD1	STUFFING BOX LUBRICATION PIPING	FIRST	5-15-89
8	P140-2	OUTLINE DRAWING (LESS GEAR)	FIFTH	5-15-89
9	P140-A2	OUTLINE DRAWING (WITH DIRECT DRIVE GEAR)	THIRD	5-15-89
10	P140-B2	OUTLINE DRAWING (WITH OVERHUNG LOAD GEAR)	THIRD	5-15-89

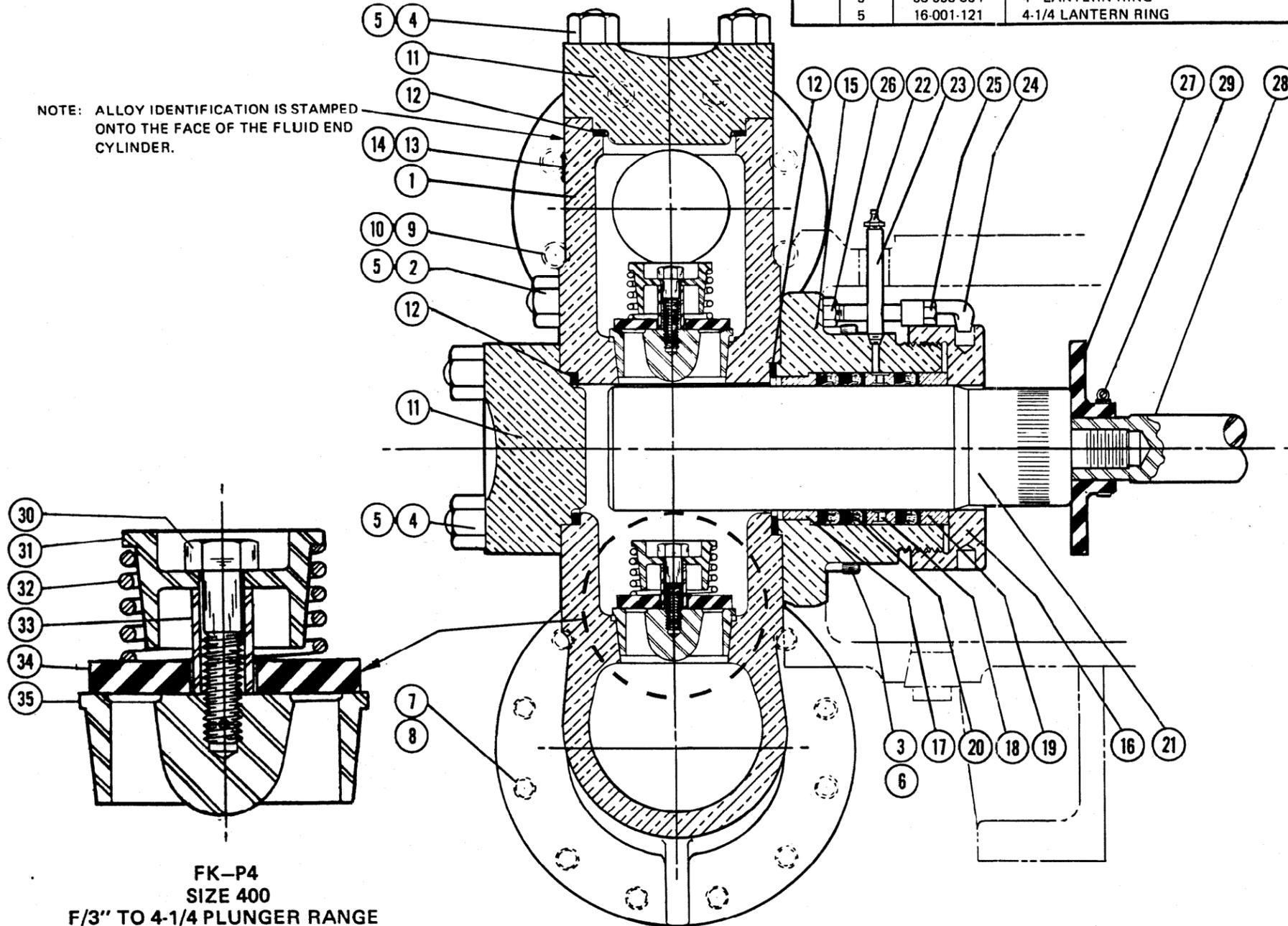
Revisions effective July 21, 2008 – updated logo on all pages; phone numbers and website on cover and index; drawing P115-AM1 redrawn.

BILL OF MATERIAL			
ITEM	REQ'D	COMM NO	DESCRIPTION
1*	1	08-700-030	FLUID END, STUDDED (AL. BRZ.) ALLOY 954 (9C)*
	1	08-700-061	FLUID END, STUDDED (AL. BRZ.) ALLOY 955 (9D)*
2	12	45-810-016	1"-8 X 10-1/2 STUD
3	20	45-810-000	1"-8X 3-1/2 STUD
4	40	45-810-002	1"-8 X 4-3/4 STUD
5	52	75-510-316	1"-8 HEAVY STL HEX NUT
6	20	75-513-523	1"-8 CAD. PLTD. ALLENUT
7	24	75-510-312	3/4-10 HEAVY STL HEX NUT
8	24	45-810-014	3/4-10 X 3-1/2 STUD
9	16	10-010-564	7/8-9 X 4 STUD
10	16	75-510-314	7/8-9 HEAVY STL HEX NUT
11	10	08-406-009	COVER, CYLINDER HEAD AND VALVE
12	15	08-406-001	GASKET
13	1	08-200-003	PLATE, SERIAL NUMBER
14	2	75-632-022	No. 10 X 3/8 DRIVE SCREW
15	5	08-423-002	STUFFING BOX (F/3" THRU 3-1/8 PLUNGERS)
	5	08-423-001	STUFFING BOX (F/3-1/4 THRU 3-5/8 PLUNGERS)
	5	08-423-000	STUFFING BOX (F/3-3/4 THRU 4-1/4 PLUNGERS)

BILL OF MATERIAL			
ITEM	REQ'D	COMM NO	DESCRIPTION
16	5	08-425-002	STUFFING BOX GLAND (F/3" THRU 3-1/8 PLUNGERS)
	5	08-425-001	STUFFING BOX GLAND (F/3-1/4 THRU 3-5/8 PLUNGERS)
	5	08-425-000	STUFFING BOX GLAND (F/3-3/4 THRU 4-1/4 PLUNGERS)
17	5	08-053-324	3" STUFFING BOX BUSHING
	5	49-007-311	3-1/8 STUFFING BOX BUSHING
	5	08-053-323	3-1/4 STUFFING BOX BUSHING
	5	08-224-079	3-3/8 STUFFING BOX BUSHING
	5	08-053-322	3-1/2 STUFFING BOX BUSHING
	5	08-053-398	3-5/8 STUFFING BOX BUSHING
	5	08-053-321	3-3/4 STUFFING BOX BUSHING
	5	08-053-320	4" STUFFING BOX BUSHING
	5	16-002-421	4-1/4 STUFFING BOX BUSHING
18	5	08-053-308	3" LANTERN RING
	5	08-211-135	3-1/8 LANTERN RING
	5	08-053-307	3-1/4 LANTERN RING
	5	08-211-124	3-3/8 LANTERN RING
	5	08-053-306	3-1/2 LANTERN RING
	5	08-053-399	3-5/8 LANTERN RING
	5	08-053-305	3-3/4 LANTERN RING
	5	08-053-304	4" LANTERN RING
	5	16-001-121	4-1/4 LANTERN RING

BILL OF MATERIAL			
ITEM	REQ'D	COMM NO	DESCRIPTION
19	5	08-053-292	3" GLAND FOLLOWER
	5	08-226-278	3-1/8 GLAND FOLLOWER
	5	08-053-291	3-1/4 GLAND FOLLOWER
	5	08-226-254	3-3/8 GLAND FOLLOWER
	5	08-053-290	3-1/2 GLAND FOLLOWER
	5	08-053-400	3-5/8 GLAND FOLLOWER
	5	08-053-289	3-3/4 GLAND FOLLOWER
	5	08-053-288	4" GLAND FOLLOWER
	5	16-002-621	4-1/4 GLAND FOLLOWER
20	5	08-215-044	3" PLUNGER PACKING SET (STYLE 835)
	5	08-415-050	3-1/8 PLUNGER PACKING SET (STYLE 835)
	5	08-215-045	3-1/4 PLUNGER PACKING SET (STYLE 835)
	5	16-515-018	3-3/8 PLUNGER PACKING SET (STYLE 835)
	5	08-215-047	3-1/2 PLUNGER PACKING SET (STYLE 835)
	5	08-215-169	3-5/8 PLUNGER PACKING SET (STYLE 835)
	5	08-215-049	3-3/4 PLUNGER PACKING SET (STYLE 835)
	5	08-215-050	4" PLUNGER PACKING SET (STYLE 835)
	5	08-215-051	4-1/4 PLUNGER PACKING SET (STYLE 835)
21	5	08-412-027	3" CO-HARD PLUNGER
	5	08-412-126	3-1/8 CO-HARD PLUNGER
	5	08-412-028	3-1/4 CO-HARD PLUNGER
	5	08-412-169	3-3/8 CO-HARD PLUNGER
	5	08-412-029	3-1/2 CO-HARD PLUNGER
	5	08-412-136	3-5/8 CO-HARD PLUNGER
	5	08-412-030	3-3/4 CO-HARD PLUNGER
	5	08-412-031	4" CO-HARD PLUNGER
	5	08-412-032	4-1/4 CO-HARD PLUNGER
	5	08-412-097	3" CERAMIC PLUNGER
	5	08-400-425	3-1/8 CERAMIC PLUNGER
	5	08-412-098	3-1/4 CERAMIC PLUNGER
	5	08-412-099	3-3/8 CERAMIC PLUNGER
	5	08-412-100	3-1/2 CERAMIC PLUNGER
	5	08-400-426	3-5/8 CERAMIC PLUNGER
	5	08-412-101	3-3/4 CERAMIC PLUNGER
	5	08-412-102	4" CERAMIC PLUNGER
	5	08-412-103	4-1/4 CERAMIC PLUNGER
22**	5	64-016-115	1/8 HYD. GREASE FITTING **
23	5	08-523-005	1/4 M.P.T. X 1/8 F.P.T. X 4" SMLS. GREASE NIPPLE
24	5	08-425-008	PAWL, GLAND
25	5	75-634-368	5/8-11 X 4" HEX HD HT CAPSCREW
26	5	75-510-310	5/8-11 HEAVY STL HEX NUT
27	5	08-441-027	BAFFLE, FLUID
28	5	08-441-026	ROD, PLUNGER EXTENSION
29	5	99-094-087	CLAMP, FLUID BAFFLE
-	-	08-496-269	VALVE ASSEMBLY COMPLETE (INCL. ITEMS 30 THRU 35)
30	10	08-422-021	1/2-13 X 2-1/2 NYLOK CAPSCREW (MONEL)
31	10	08-416-091	VALVE GUARD (S.S.)
32	10	08-416-089	VALVE SPRING (INCONEL)
33	10	08-416-053	VALVE SLEEVE (S.S.)
34	10	08-416-078	VALVE DISC (DELFIN)
35	10	08-422-050	VALVE SEAT (S.S.)

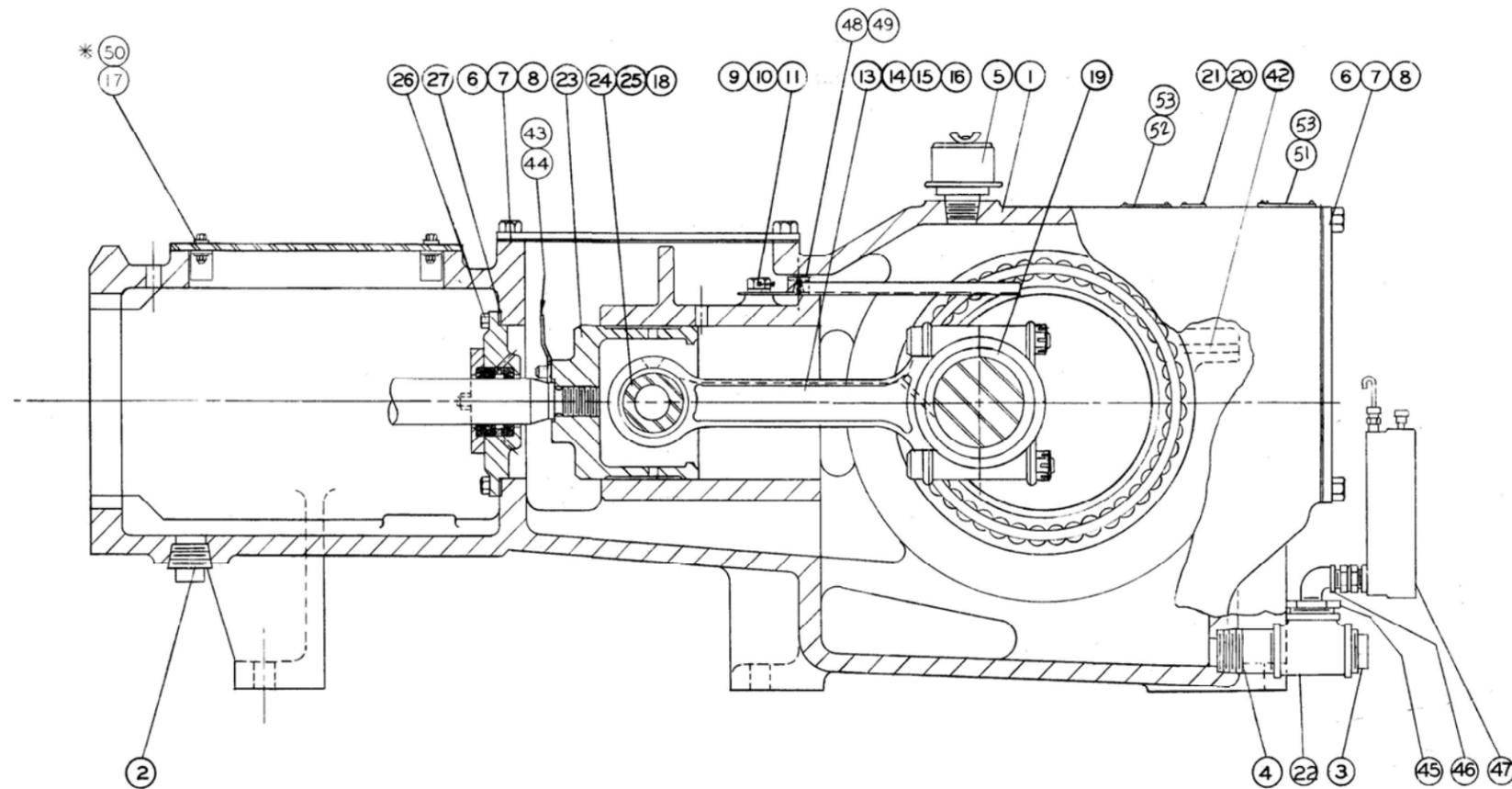
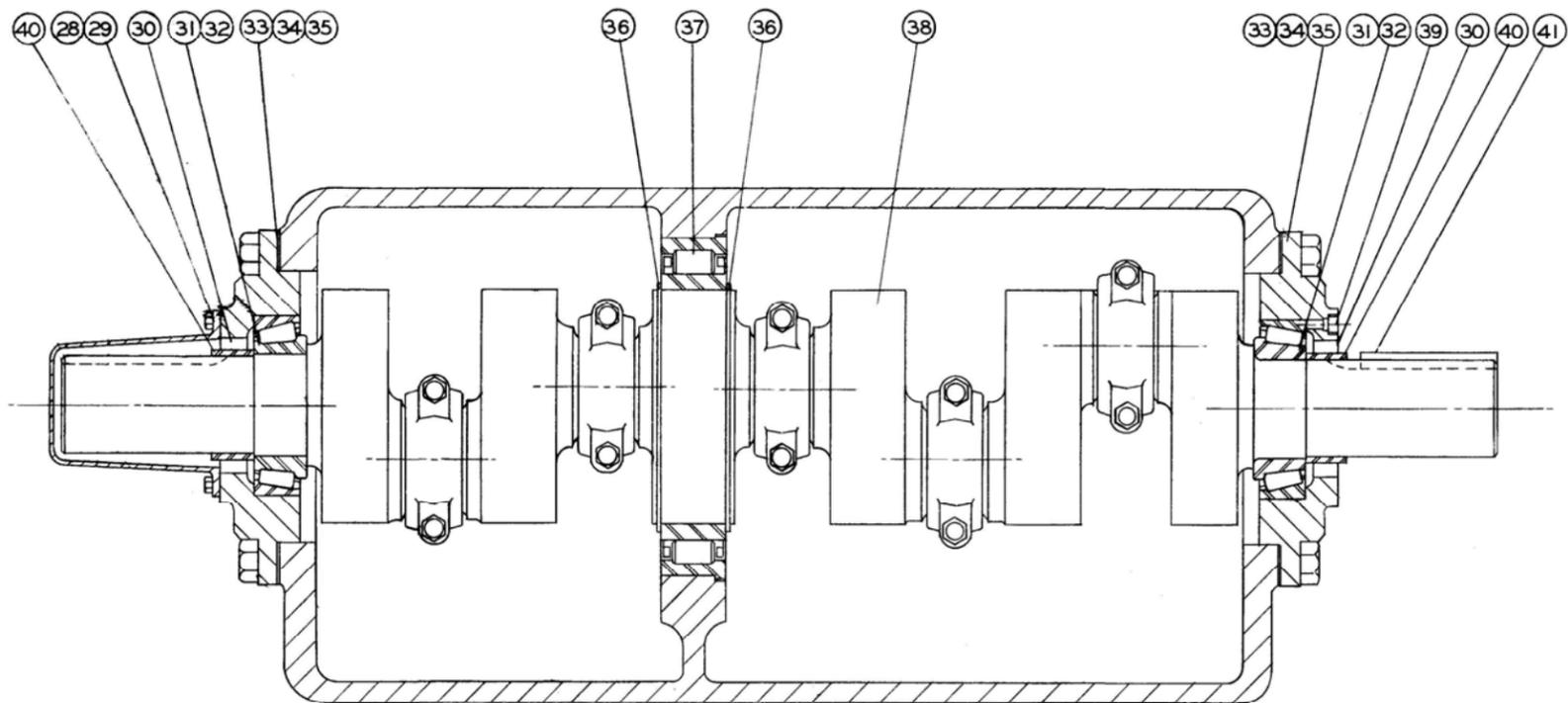
NOTE: ALLOY IDENTIFICATION IS STAMPED ONTO THE FACE OF THE FLUID END CYLINDER.



FK-P4  
SIZE 400  
F/3" TO 4-1/4 PLUNGER RANGE  
SUCTION & DISCHARGE VALVE ASSEMBLY

\* FLUID END STUDDED INCLUDES ITEMS 3 THRU 10.  
\*\* NOT REQUIRED WHEN LUBRICATOR IS FURNISHED.

<b>NATIONAL OILWELL VARCO</b>			
HOUSTON, TEXAS U.S.A.		ENGINEERING, McALESTER, OKLAHOMA	
TITLE FLUID END ASSEMBLY 267Q-6L QUINTUPLEX PLUNGER PUMP			
SIZE B	REFERENCE No.	DRAWING No. P140-AA1	REV
SCALE NONE	EST. WT.	SHEET 1 OF 1	



BILL OF MATERIAL			
ITEM	REQ'D.	COMM. NO.	DESCRIPTION
1	1	08-727-034	FRAME END - L/CRADLE STUDS
2	3	86-486-116	PIPE PLUG - 2
3	1	86-486-112	PIPE PLUG - 1-1/2
4	1	86-428-010	NIPPLE - 1-1/2 SCH. .80 x 3 LG.
5	1	64-229-100	BREATHER
6	2	08-727-005	FRAME DOOR - TOP & REAR
7	2	08-727-006	GASKET - FRAME DOOR
8	32	75-634-349	CAPSCREWS - 1/2 x 1 LG. HEX. HD.
9	3	08-727-038	OIL SCRAPER
10	6	45-143-105	CAPSCREW - 3/8 - 16 x 3/4 LG. HEX. HD. DR. HD.
11	-	59-800-016	16 GA. ANNEALED. ST WIRE
12	-	-	-
13	5	08-447-011	CONNECTING ROD W/BUSHING
14	10	08-247-009	BOLT - 3/4 - 16
15	10	75-313-111	NUT - 3/4 - 16 N.F. SLOTTED
16	10	75-102-005	COTTER PIN
17	1	08-727-042	COVER - CRADLE (STEEL)
18	5	08-017-130	BUSHING - CROSSHEAD PIN
19	5	08-444-002	BEARING - CRANKPIN (2-HALVES)
20	1	08-727-010	OIL SPECIFICATION PLATE
21	4	75-632-012	DRIVE SCREWS - #2 x 1/4 LG.
22	1	86-543-112	TEE 1-1/2
23	5	08-804-032	CROSSHEAD
24	10	75-660-003	RETAINER RING
25	5	08-017-706	CROSSHEAD PIN
26	20	75-634-351	CAPSCREWS - 1/2 - 13 x 1-1/4 LG. HEX. HD.
27	5	08-466-001	GASKET - 1/16 THK. DIAPHRAGM
28	1	08-727-008	SHAFT COVER
29	3	75-634-354	CAPSCREW 1/2 - 13 x 1-3/4 LG. HEX. HD.
30	2	68-630-665	OIL SEAL
31	2	65-010-542	BEARING CONE
32	2	65-013-235	BEARING CUP
33	2	08-802-003	BEARING HOUSING
34	2	08-751-000	SHIMS - BEARING HOUSING
35	16	75-634-400	CAPSCREWS - 7/8 - 9 x 2 LG. HEX. HD.
36	2	75-670-175	RETAINER RING - BEARING
37	1	65-102-252	BEARING - INTERMEDIATE
38	1	08-742-002	CRANKSHAFT
39	3	75-635-625	CAPSCREW - 1/2 - 13 x 1 LG. SKT. HD.
40	2	08-802-031	WEAR RING
41	1	45-123-314	KEY - 3/4 x 1 x 6-1/2 LG.
42	1	75-555-067	ROLL PIN
43	5	08-412-170	PLATE - CROSSHEAD BAFFLE
44	10	75-635-623	CAPSCREW 1/2 - 13 x 3/4 LG. SOCKET HD. LG. LOCK
45	1	86-061-025	BUSHING 1-1/2 x 1/2
46	1	86-342-104	STREET ELBOW 1/2
47	1	64-661-271	SWITCH - OIL SAFETY
48	3	08-800-283	PIN
49	3	99-000-525	MAGNET
50	1	08-727-043	COVER - CRADLE (PLEXIGLASS)
51	1	45-805-422	PLATE - CAUTION
52	1	10-300-240	PLATE - LUBE
53	8	75-632-012	DRIVE SCREW #2 x 1/4 LG

2

\* OPTIONAL

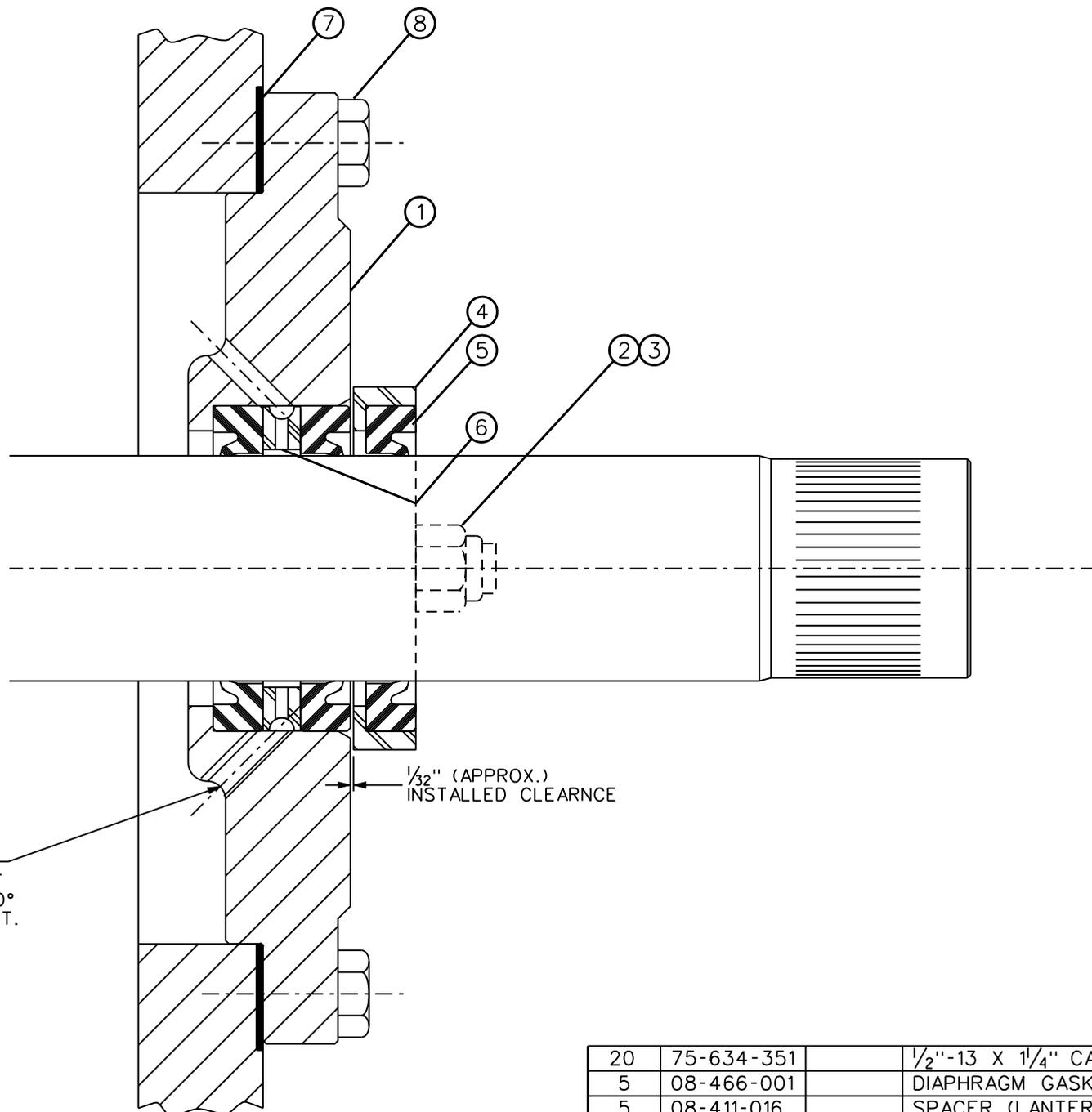
**NATIONAL OILWELL VARCO**  
 HOUSTON, TEXAS U.S.A. ENGINEERING, McALESTER, OKLAHOMA

TITLE  
**POWER END ASSEMBLY**  
**267Q-6L QUINTUPLEX PLUNGER PUMP**

SIZE	REFERENCE No.	DRAWING No.	REV
B		P138-AA1	

SCALE NONE EST WT SHEET 1 OF 1

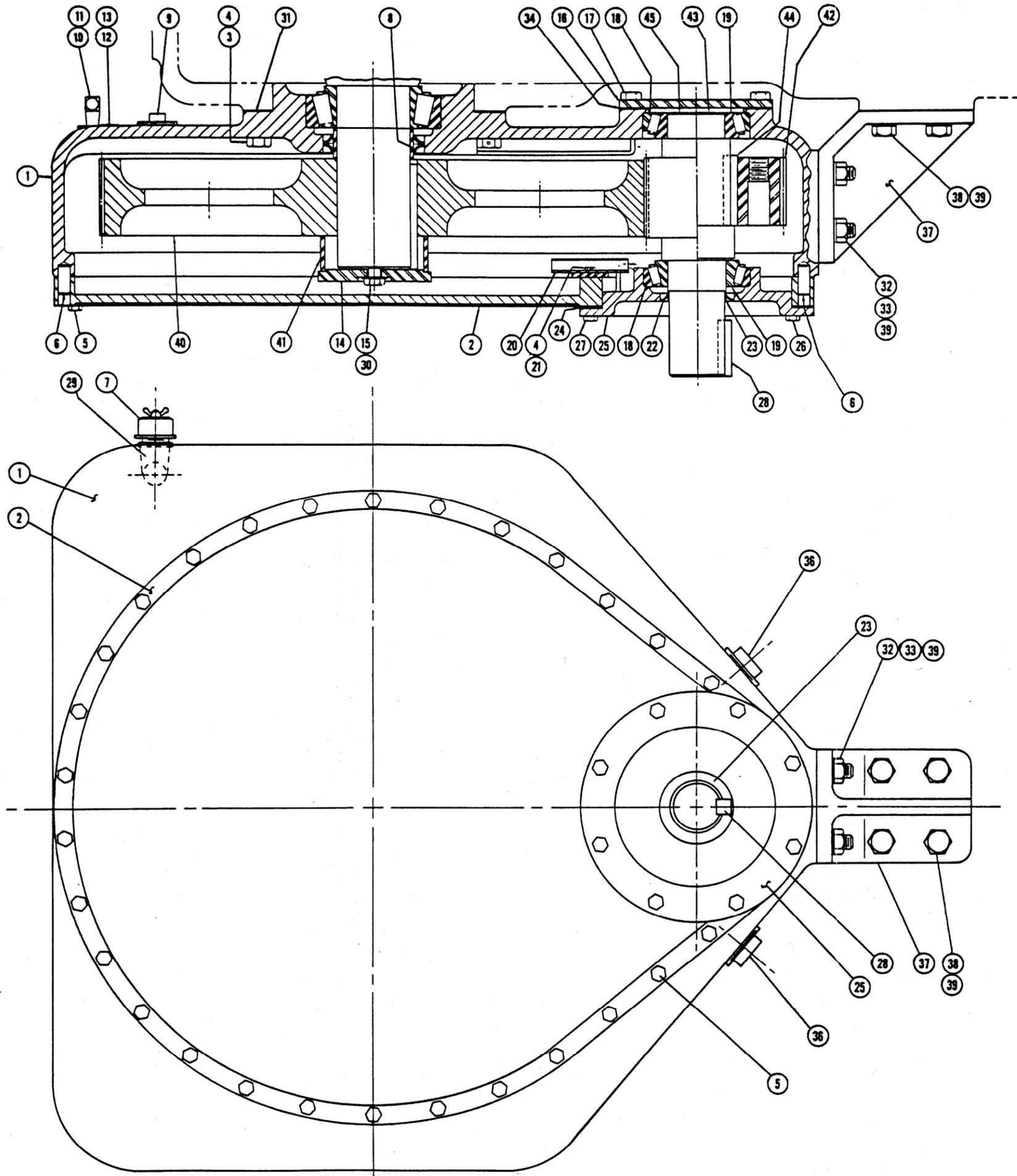
LTR	DESCRIPTION OF CHANGE	MADE	CHKD	DATE	APPROVED	M NO.



3  
 DWG NO P115-AM1  
 SH 1

QTY REQ'D	PART NO.	IDENT CODE NO	DESCRIPTION	ITEM NO.
20	75-634-351		1/2"-13 X 1/4" CAPSCREW	8
5	08-466-001		DIAPHRAGM GASKET	7
5	08-411-016		SPACER (LANTERN RING)	6
15	08-466-012		WIPER RING	5
5	08-467-006		DIAPHRAGM GLAND	4
10	49-002-925		1/2"-13 X 2" STUD	3
10	75-509-994		1/2"-13 LOCKING NUT	2
5	08-466-010		DIAPHRAGM HOUSING (INCLUDES ITEMS 2 & 3)	1
LIST OF MATERIAL				

DESIGNED BY		DATE	<b>NOW NATIONAL OILWELL VARCO</b> TITLE DIAPHRAGM ASSEMBLY 267Q-6L & 6M QUINT PUNGER PUMP	
DRAWN BY		DATE		
CHECKED BY		DATE	SIZE	REFERENCE No.
P.E. APPROVAL		DATE	C	DRAWING No.
Q.A. REVIEW		DATE	SCALE	EST WT
			1 / 1	SHEET 1 OF 1



BILL OF MATERIAL			
ITEM	REQ'D	COMM NO	DESCRIPTION
1	1	08-802-049	GEAR CASE ASSY. (INCL. ITEMS 2, 5, 6, 32 & 33)
2	1		COVER, GEAR CASE
3	8	45-802-609	7/8-9 X 2-1/2 DRLD HEX HD HT CAPSCREW
4		59-800-016	16 GA ANNEALED STL WIRE
5	28	75-635-043	1/2-13 X 2-1/4 HEX HD HT CAPSCREW
6	2	45-804-110	DOWEL PIN (1/2 X 1-7/8)
7	1	64-229-100	BREATHER
8	1	68-630-665	OIL SEAL
9	1	08-802-047	MAGNET ASSEMBLY
10	1	64-661-402	GAUGE, OIL LEVEL
11	1	86-486-104	1/2 CI SOLID SQ HD PIPE PLUG
12	1	08-802-032	PLATE, OIL LEVEL
13	6	75-632-012	No. 2 X 1/4 DRIVE SCREW
14	1	08-802-026	PLATE, RETAINING
15	1	75-635-178	1-1/4 - 8 X 2 HEX HD HT CASCREW
16	1	08-802-024	COVER
17	4	75-634-373	3/4-10 X 1-1/2 HEX HD HT CAPSCREW
18	2	65-013-185	PINION BEARING CUP
19	2	65-010-428	PINION BEARING CONE
20	1	08-802-025	TROUGH, OIL
21	2	34-030-140	3/8-16 X 7/8 DRLD HEX HD HT CAPSCREW
22	1	68-630-460	OIL SEAL
23	1	68-632-104	WEAR RING
24	6	08-802-018	SHIM SET (1 REQ'D) CONSISTS OF THE FOLLOWING
	5	08-802-019	SHIM (.005" THICK)
	3	08-802-020	SHIM (.007" THICK)
	3	08-802-021	SHIM (.020" THICK)
25	1	08-802-006	HOUSING, PINION BEARING
26	6	75-634-350	1/2-13 X 3 HEX HD HT CAPSCREW
27	2	75-634-351	1/2-13 X 1-1/4 HEX HD HT CAPSCREW
28	1	45-803-808	KEY (7/8 X 7/8 X 3-1/2)
29	1	86-342-112	1-1/2 X 90° 150# MI STREET ELBOW
30	1	75-770-480	1-1/4 EXTERNAL SHAKEPROOF LOCKWASHER
31	1	08-802-050	GASKET
32	4	45-810-018	7/8-9 X 3 STUD
33	4	75-510-314	7/8-9 HEAVY STL HEX NUT
34	1	08-802-052	GASKET
35*	1	17-127-119	PLATE, LUBRICATION INSTRUCTION*
36	2	86-485-124	3" CI CORED SQ HD PIPE PLUG
37	1	08-802-048	SUPPORT, GEAR
38	4	75-634-400	7/8-9 X 2 HEX HD HT CAPSCREW
39	8	75-772-307	7/8 PLATE WASHER
2.898:1 GEAR RATIO			
40	1	08-802-012	GEAR (170 TEETH)
41	1	08-802-027	SPACER, GEAR
42	1	08-802-017	PINION (63 TEETH)
43	1	08-802-005	SHAFT, PINION
44	1	45-122-604	KEY (7/8 X 7/8 X 4-1/4)
3.680:1 GEAR RATIO			
40	1	08-802-008	GEAR (184 TEETH)
41	1	08-802-027	SPACER, GEAR
42	1	08-802-046	PINION (50 TEETH)
43	1	08-802-005	SHAFT, PINION
44	1	45-122-604	KEY (7/8 X 7/8 X 4-1/4)
5.500:1 GEAR RATIO			
40	1	08-802-011	GEAR (264 TEETH)
41	1	08-802-028	SPACER, GEAR
45	1	08-802-045	PINION SHAFT W/INTEGRAL PINION (48 TEETH)
7.315:1 GEAR RATIO			
40	1	08-802-009	GEAR (278 TEETH)
41	1	08-802-029	SPACER, GEAR
45	1	08-802-044	PINION SHAFT W/INTEGRAL PINION (38 TEETH)
9.500:1 GEAR RATIO			
40	1	08-802-010	GEAR (285 TEETH)
41	1	08-802-030	SPACER, GEAR
45	1	08-802-043	PINION SHAFT W/INTEGRAL PINION (30 TEETH)

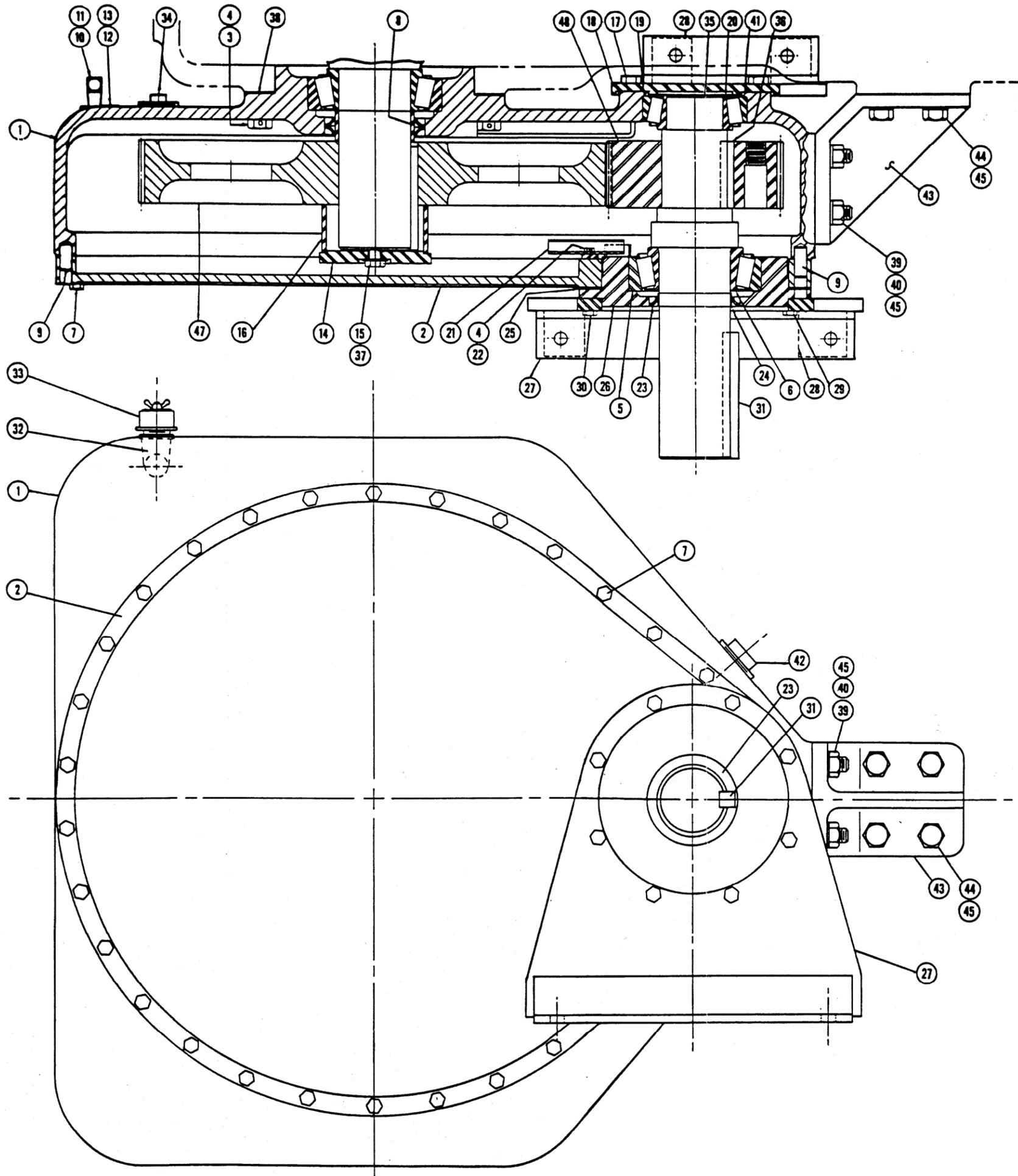
\* NOT ILLUSTRATED ON THIS DRAWING.

**NATIONAL OILWELL VARCO**  
 HOUSTON, TEXAS U.S.A. ENGINEERING, McALESTER, OKLAHOMA

TITLE: GEAR REDUCTION UNIT FOR DIRECT DRIVE  
 267Q-6L QUINTUPLEX PLUNGER PUMP

SIZE	REFERENCE No.	DRAWING No.	REV
B		P192-AC1	

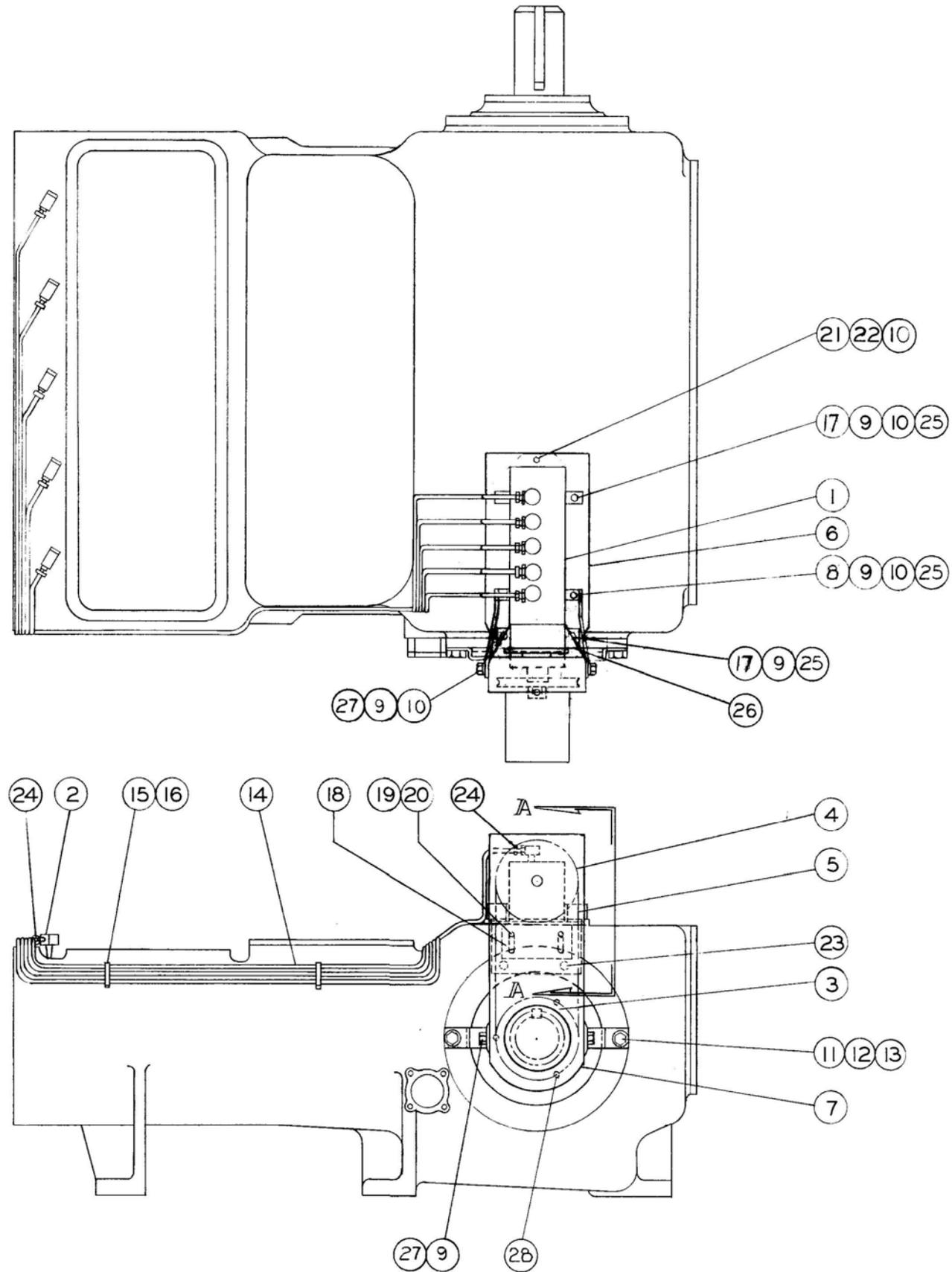
SCALE: NONE EST WT SHEET 1 OF 1



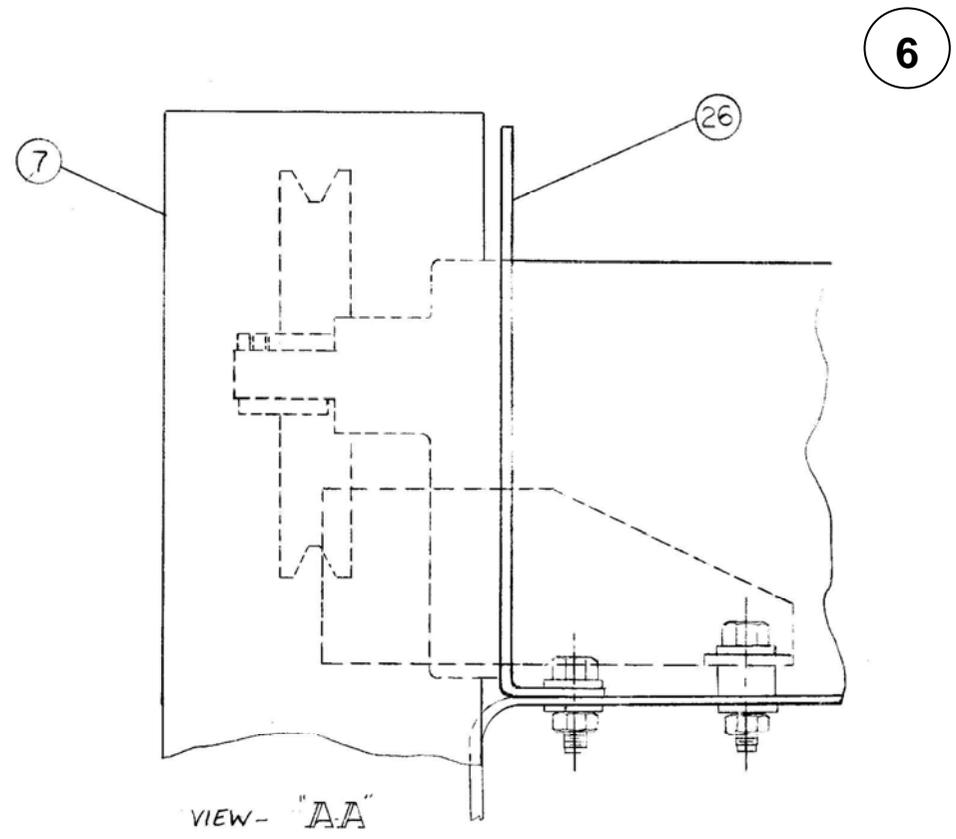
BILL OF MATERIAL			
ITEM	REQ'D	COMM NO	DESCRIPTION
1	1	08-802-049	GEAR CASE ASSY. (INCL. ITEMS 2, 7, 9, 39 & 40)
2	1		COVER, GEAR CASE
3	8	45-802-809	7/8-9 X 2-1/2 DRLD HEX HD HT CAPSCREW
4		59-800-016	16 GA ANNEALED STL WIRE
5	1	65-013-235	BEARING CUP
6	1	65-010-542	BEARING CONE
7	28	75-635-043	1/2-13 X 2-1/4 HEX HD HT CAPSCREW
8	1	68-630-665	OIL SEAL
9	2	45-804-110	DOWEL (1/2 X 1-7/8)
10	1	64-661-402	GAUGE, OIL LEVEL
11	1	86-486-104	1/2 CI SOLID SQ HD PIPE PLUG
12	1	08-802-032	PLATE, OIL LEVEL
13	6	75-632-012	No. 2 X 1/4 DRIVE SCREW
14	1	08-802-026	PLATE, RETAINING
15	1	75-635-178	1-1/4 -8 X 2 HEX HD HT CAPSCREW
16	1	08-802-027	SPACER, GEAR
17	4	75-634-373	3/4-10 X 1-1/2 HEX HD HT CAPSCREW
18	1	08-802-022	RETAINER, BEARING
19	1	65-013-222	BEARING CUP
20	1	65-010-520	BEARING CONE
21	1	08-802-025	TROUGH, OIL
22	2	34-030-140	3/8-16 X 7/8 DRLD HEX HD HT CAPSCREW
23	1	68-630-620	OIL SEAL
24	1	68-632-113	WEAR RING
25		08-802-018	SHIM SET ( 1 REQ'D ) CONSISTS OF THE FOLLOWING
	6	08-802-019	SHIM (.005" THK.)
	5	08-802-020	SHIM (.007" THK.)
	3	08-802-021	SHIM (.020" THK.)
26	1	08-802-007	HOUSING, PINION BEARING
27	1	08-802-023	PEDESTAL
28		45-803-316	SHIM SET ( 4 REQ'D. ) CONSISTS OF THE FOLLOWING
	24	45-803-317	SHIM (.005" THK.)
	20	45-803-318	SHIM (.007" THK.)
	12	45-803-319	SHIM (.020" THK.)
	8	45-803-020	SHIM (.0625" THK.)
29	6	75-634-331	1/2-13 X 3-3/4 HEX HD HT CAPSCREW
30	2	75-634-353	1/2-13 X 2 HEX HD HT CAPSCREW
31	1	45-122-517	KEY ( 1" X 1" X 8 )
32	1	86-342-112	1-1/2 X 90° 150# MI STREET ELBOW
33	1	64-229-100	BREATHER
34	1	08-802-047	MAGNET ASSEMBLY
35	1	08-802-004	SHAFT, PINION
36	1	45-803-823	KEY ( 7/8 X 7/8 X 4 )
37	1	75-770-480	1-1/4 EXTERNAL SHAKEPROOF LOCKWASHER
38	1	08-802-050	GASKET
39	4	45-810-018	7/8-9 X 3 STUD
40	4	75-510-314	7/8-9 HEAVY STL HEX NUT
41	1	08-802-052	GASKET
42	2	86-485-124	3" CI CORED SQ HD PIPE PLUG
43	1	08-802-048	SUPPORT, GEAR
44	4	75-634-400	7/8-9 X 2 HEX HD HT CAPSCREW
45	8	75-772-307	7/8 EXTERNAL SHAKEPROOF LOCKWASHER
46*	1	17-127-119	PLATE, LUBRICATION INSTRUCTION*
			2.688:1 GEAR RATIO
47	1	08-802-012	GEAR ( 170 TEETH )
48	1	08-802-017	PINION ( 63 TEETH )
			3.680:1 GEAR RATIO
47	1	08-802-008	GEAR ( 184 TEETH )
48	1	08-802-046	PINION ( 50 TEETH )

\* NOT ILLUSTRATED ON THIS DRAWING.

HOUSTON, TEXAS U.S.A. ENGINEERING, McALESTER, OKLAHOMA	
TITLE GEAR REDUCTION UNIT FOR OVERHUNG LOAD 267Q-6L QUINTUPLEX PLUNGER PUMP	
SIZE B	REFERENCE No. DRAWING No. P192-AD1
SCALE NONE	EST WT SHEET 1 OF 1



BILL OF MATERIAL			
ITEM	REQ'D.	COMM. NO.	DESCRIPTION
1	1	08-685-003	LUBRICATOR (INCL. ITEM 2)
2	5		ANGLE CHECK VALVE
3	1	16-585-010	DRIVING SHEAVE
4	1	68-650-431	AS 54 BROWNING SHEAVE
5	1	96-076-048	A 48 THERMOID "V" BELT
6	1	08-785-004	LUBRICATOR MOUNTING PLATE
7	1	08-785-007	LUBRICATOR BELT GUARD
8	2	75-634-342	CAPSCREW 3/8 - 16 X 1-1/2 HEX HD
9	16	75-770-303	LOCKWASHER 3/8"
10	12	75-770-203	WASHER 3/8 W. 1.
11	2	75-635-063	CAPSCREW 7/8 - 9 X 7/8" HEX. HD.
12	2	75-770-497	LOCKWASHER 7/8
13	2	75-770-207	WASHER 7/8 W. 1.
14	42 FT.	64-699-208	COPPER TUBING - 1/4"
15	2	64-228-300	TUBING CLIP
16	4	75-634-880	SCREW 1/4 - 20 X 1/2 ROUND HD.
17	4	75-634-340	CAPSCREW 3/8 - 16 X 1-1/4 HEX. HD.
18	1	08-485-034	LUBRICATOR SUPPORT
19	2	75-634-351	CAPSCREW 1/2 X 1-1/4 LG. HEX. HD.
20	2	75-770-204	WASHER 1/2 WROT IRON
21	1	75-634-533	SETScrew 1/2 - 13 X 3" LG. SQ. HD.
22	2	75-510-506	JAM NUT 1/2 HEX HD.
23	2	75-634-403	CAPSCREW 7/8 X 2-1/4" LG. HEX. HD.
24	10	64-227-000	MALE CONNECTOR - 1/4 X 1/8
25	6	75-510-404	NUT 3/8-16
26	1	08-627-039	COVER
27	4	75-634-335	CAPSCREW 3/8-16 X 5/8
28	3	75-635-625	CAPSCREW 1/2 - 13 X 1" LG. SOC HD.

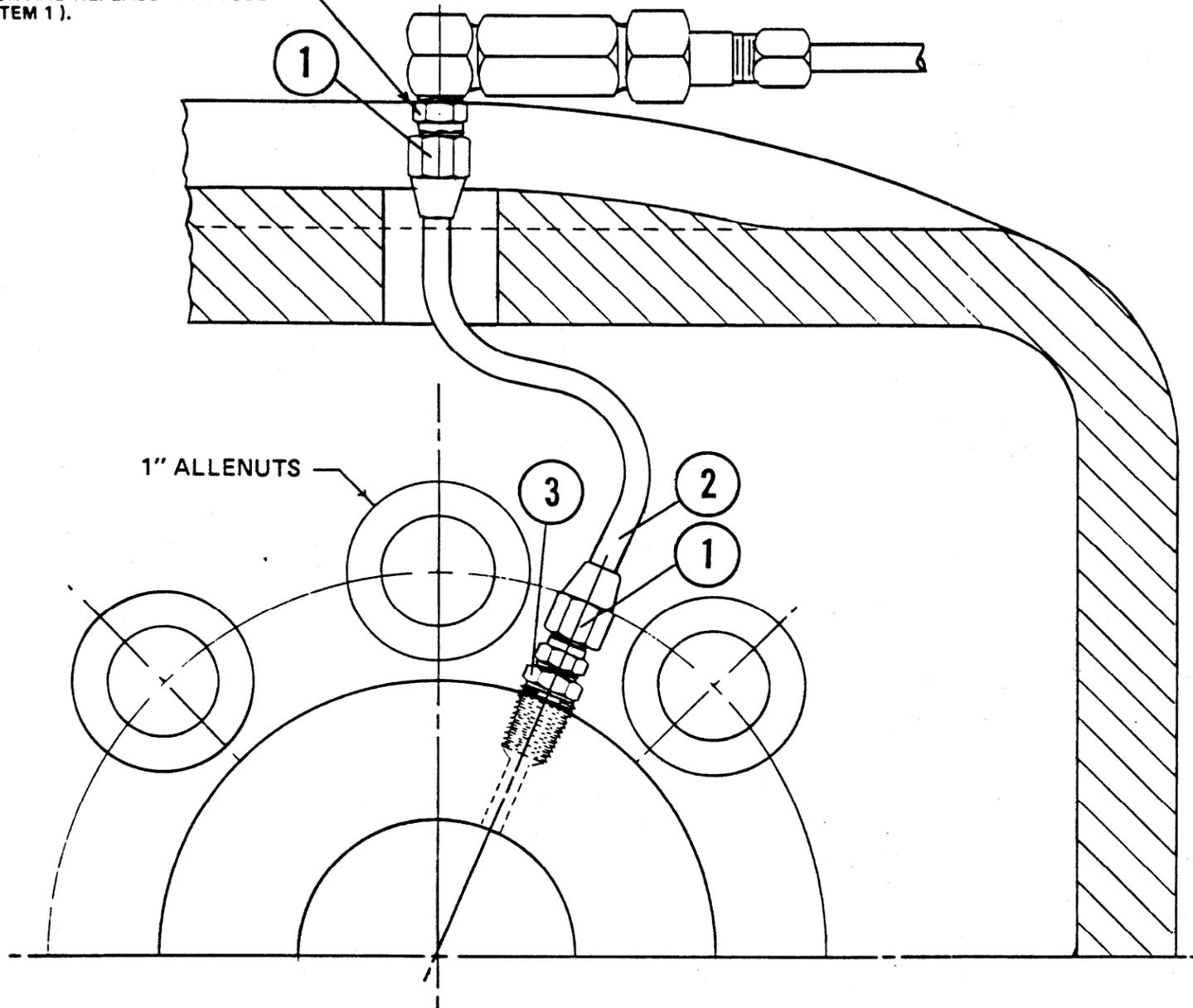


**NATIONAL OILWELL VARCO**  
 HOUSTON, TEXAS U.S.A. ENGINEERING, MCLESTER, OKLAHOMA

TITLE  
 LUBRICATOR ASSEMBLY  
 267Q-6L QUINTUPLEX PLUNGER PUMP

SIZE B	REFERENCE No.	DRAWING No. P138-AD1	REV
SCALE NONE	EST WT	SHEET 1 OF 1	

NOTE:  
 REMOVE 1/8 MALE PIPE THREAD FITTING  
 FROM CHECK VALVE FURNISHED WITH  
 LUBRICATOR AND REPLACE WITH TUBE  
 FITTING (ITEM 1).

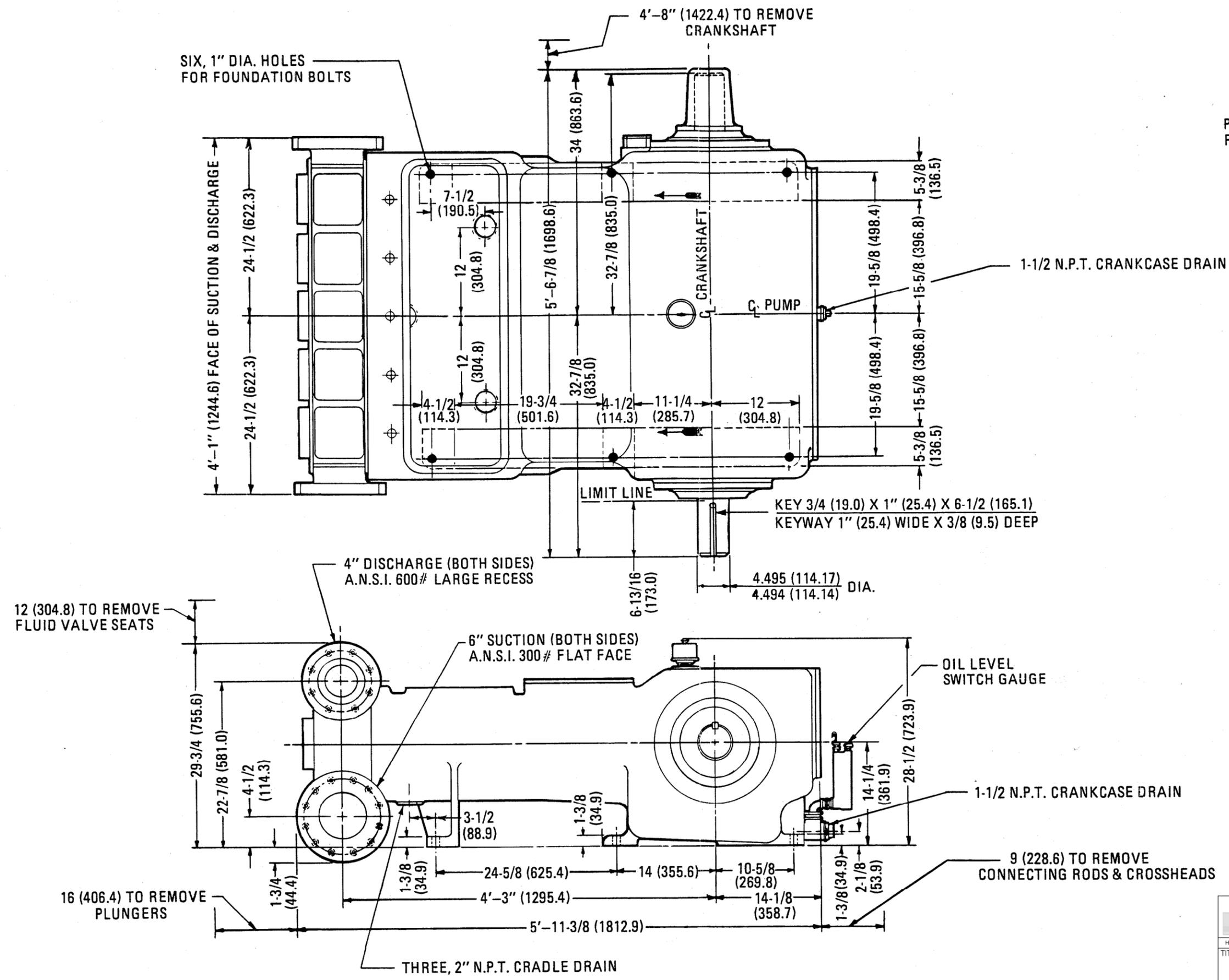


BILL OF MATERIAL			
ITEM	REQ'D	COMM NO	DESCRIPTION
1	10	64-227-000	1/4 T X 1/8 PT MALE COMPRESSION CONNECTOR
2		64-699-208	1/4 OD COPPER TUBING (.049" THK WALL)
3	5	78-069-001	1/4 X 1/8 F.S. PIPE BUSHING

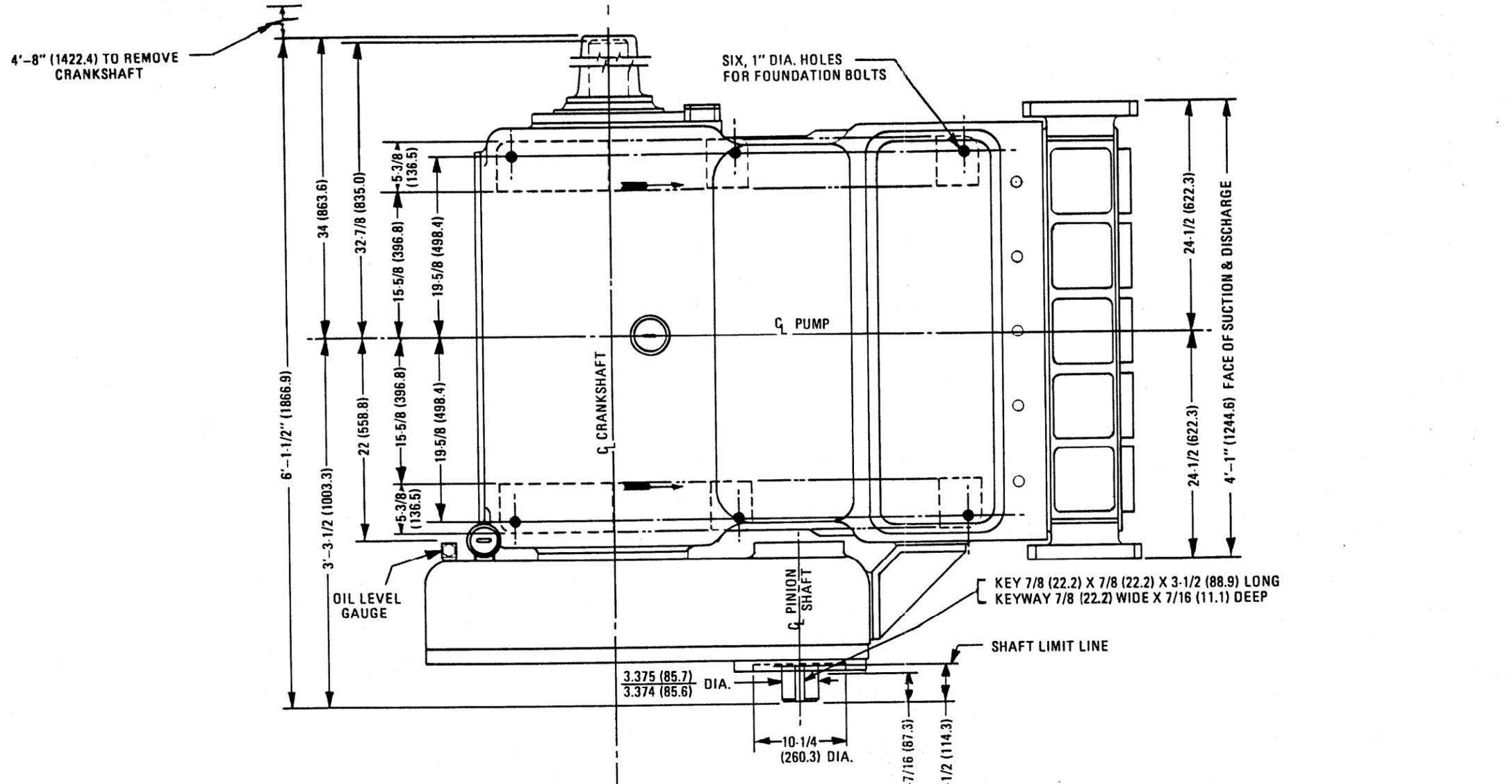
		<b>NATIONAL OILWELL VARCO</b>	
HOUSTON, TEXAS U.S.A.		ENGINEERING, McALESTER, OKLAHOMA	
TITLE STUFFING BOX LUBRICATION PIPING			
267Q-6L QUINTUPLEX PLUNGER PUMP			
SIZE B	REFERENCE No.	DRAWING No. P161-AD1	REV
SCALE NONE	EST WT	SHEET 1 OF 1	

NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED. DIMENSIONS IN BRACKETS ARE MEASURED IN MILLIMETERS.

PUMP, AS SHOWN IS FOR LEFT HAND DRIVE. RIGHT HAND DRIVE IS OPPOSITE THAT SHOWN.



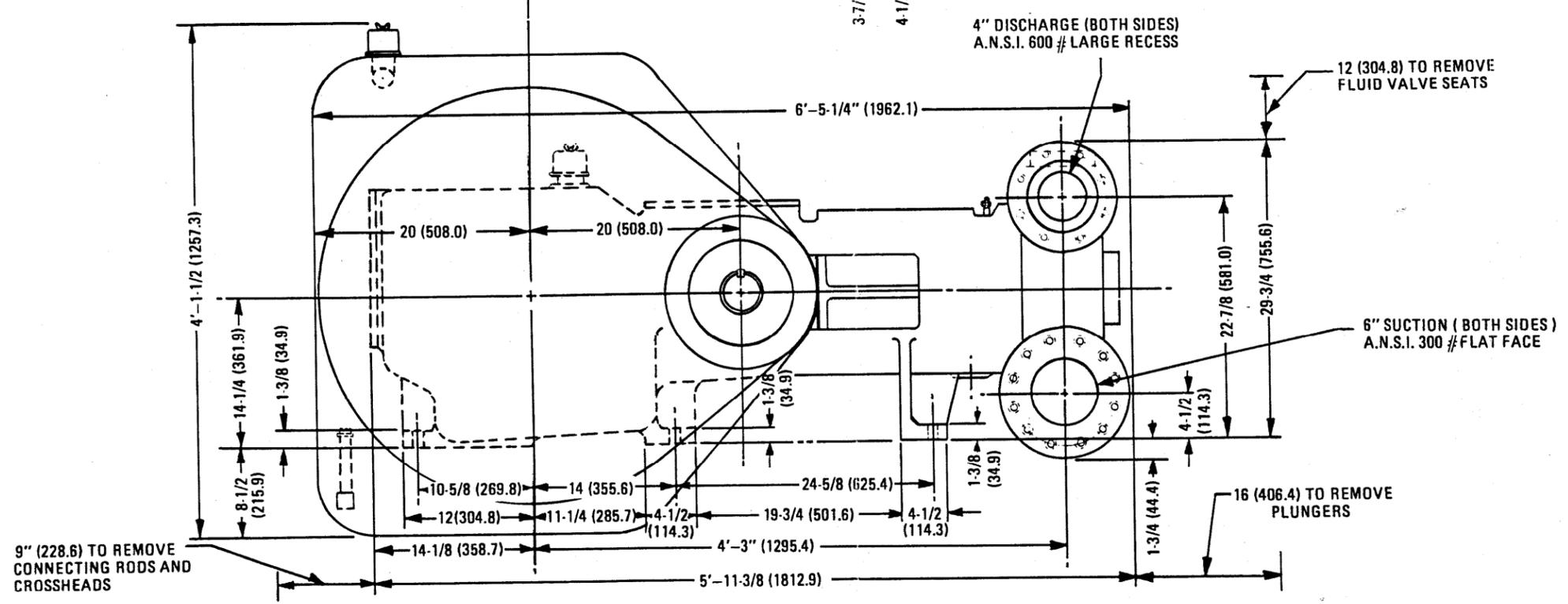
<b>NATIONAL OILWELL VARCO</b>	
HOUSTON, TEXAS U.S.A.	ENGINEERING, MCLESTER, OKLAHOMA
TITLE: OUTLINE DRAWING (LESS GEAR)	
267Q-6L QUINTUPLEX PLUNGER PUMP	
SIZE: B	REFERENCE No. DRAWING No. P140-2
SCALE: NONE	EST. WT. SHEET 1 OF 1



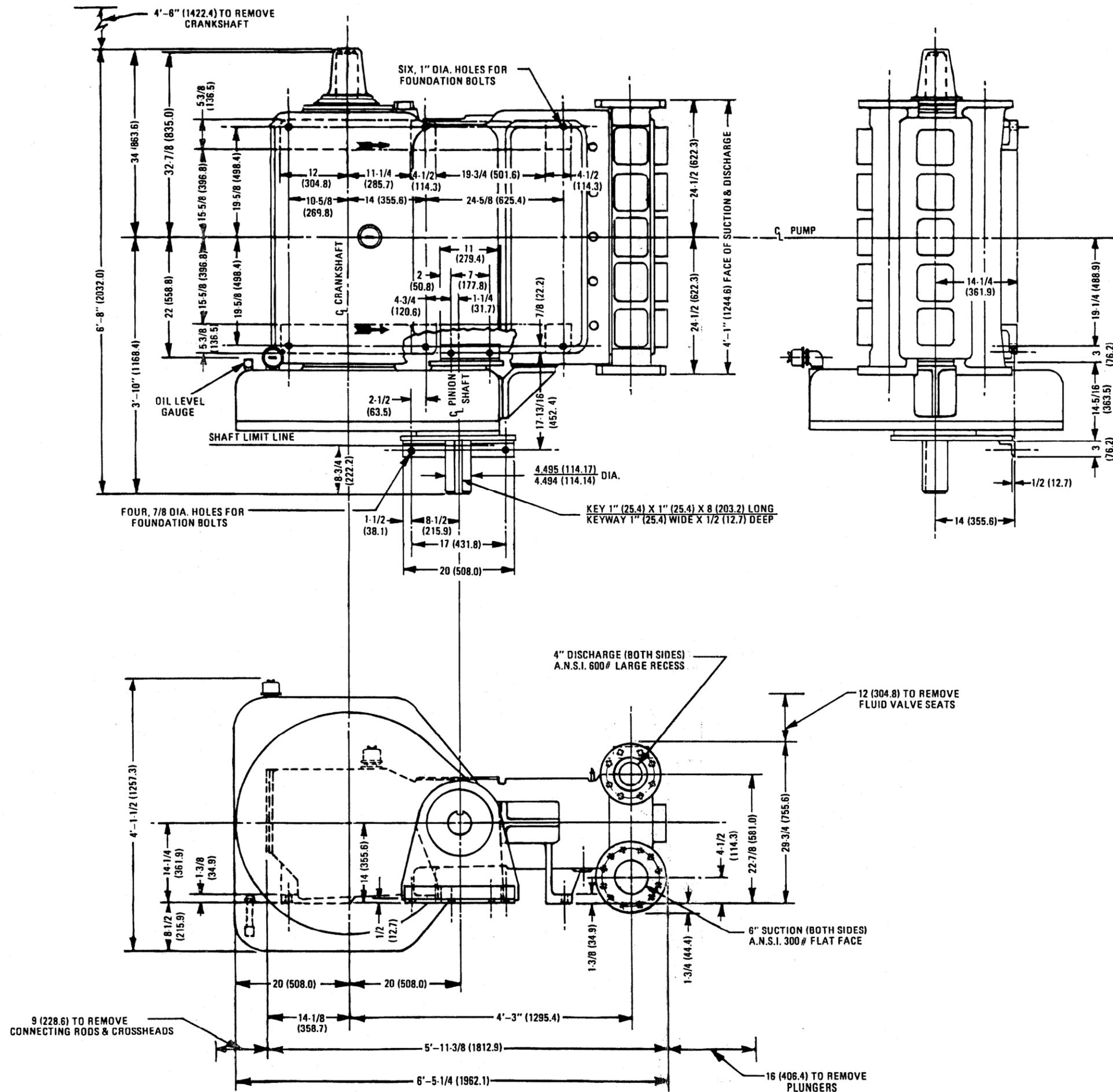
NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED. DIMENSIONS IN BRACKETS ARE MEASURED IN MILLIMETERS.

PUMP, AS SHOWN, IS FOR RIGHT HAND DRIVE. LEFT HAND DRIVE IS OPPOSITE THAT SHOWN.

NOTE: ACCESSORY GEAR REDUCTION AVAILABLE IN 2.898:1, 3.680:1, 5.500:1 AND 9.500:1 RATIOS. THE GEAR UNIT CAN BE MOUNTED ON EITHER SIDE OF PUMP.



		HOUSTON, TEXAS U.S.A. ENGINEERING, McALESTER, OKLAHOMA	
TITLE: OUTLINE DRAWING (WITH DIRECT DRIVE GEAR)			
267Q-6L QUINTUPLEX PLUNGER PUMP			
SIZE	REFERENCE No.	DRAWING No.	REV
B		P140-A2	
SCALE	EST WT	SHEET 1 OF 1	
NONE			



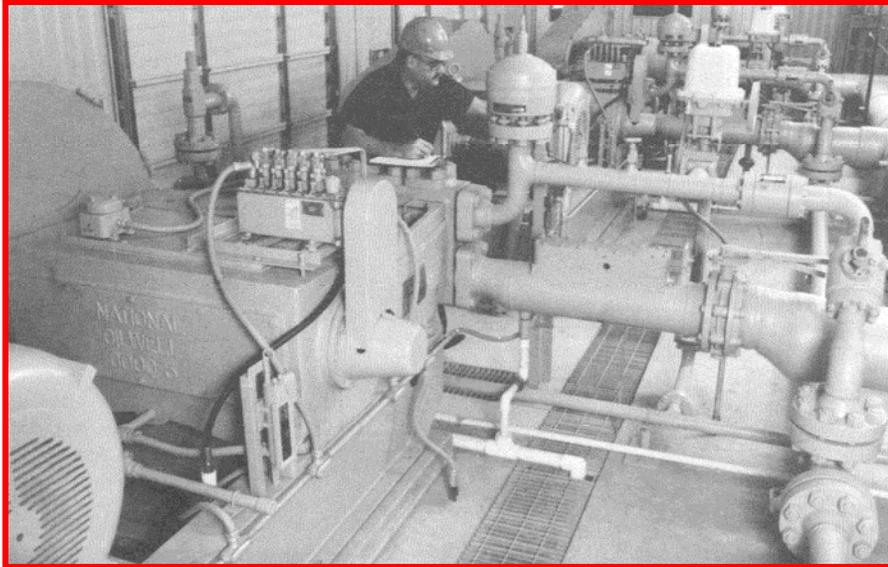
NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED. DIMENSIONS IN BRACKETS ARE MEASURED IN MILLIMETERS.

PUMP, AS SHOWN, IS FOR RIGHT HAND DRIVE. LEFT HAND DRIVE IS OPPOSITE THAT SHOWN.

NOTE: ACCESSORY GEAR REDUCTION AVAILABLE IN 2.698:1 AND 3.680:1 RATIOS. THE GEAR UNIT CAN BE MOUNTED ON EITHER SIDE OF PUMP.

		HOUSTON, TEXAS U.S.A.		ENGINEERING, McALESTER, OKLAHOMA	
		TITLE OUTLINE DRAWING (WITH OVERHUNG LOAD GEAR) 267Q-6L QUINTUPLEX PLUNGER PUMP			
SIZE	REFERENCE No.	DRAWING No.	REV		
B		P140-B2			
SCALE	NONE	EST WT	SHEET 1 OF 1		

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