

NOTES: UNLESS OTHERWISE SPECIFIED

1. **LOOKING AT INTERMEDIATES:**
ON EVEN DASH NUMBER ASSEMBLIES (R.H.) THE GEARBOX IS ON THE R.H. SIDE
ON ODD DASH NO. ASSEMBLIES (L.H.) THE GEARBOX IS ON THE L.H. SIDE
THE GEARBOX INPUT SHAFT MAY BE ON EITHER SIDE OF THE GEARBOX.
2. COAT O-RINGS WITH GREASE P/N 87905.
3. COAT THREADS WITH P/N LOCTITE ANTI-SIEZE LUBRICANT.
4. COAT THREADS WITH LOCTITE GRADE 242. ITEM 57, ONE SIDE ONLY.
5. USE TEFLON TAPE ON ALL PIPE THREADS.
6. TORQUE TO 35-37 LB/FT.
7. TORQUE TO 95-100 LB/FT.
8. APPLY LOCTITE GASKET ELIMINATOR, P/N 87911-002, TO SECURE ITEM 77 IN PLACE.
ALSO APPLY THIN FILM TO PLATE, ITEM 53, BOTH SIDES, WHERE APPLICABLE.
9. INPUT SHAFT 2.5-19 SPLINE TO MATE WITH SPICER MODEL 1810 FLANGE.
10. TORQUE TO 377-382 LB/FT.
11. PLUG OR CAP ALL OPEN PORTS.
12. TORQUE TO 45 LB/FT.
13. USE SHIMS, ITEMS 62 & 63 TO ESTABLISH 6.218/6.225 DIMENSION. PISTON KNOB
SHALL BE IN ITS MOST FORWARD POSITION. RETURN EXCESS SHIMS TO STOCK.
14. TORQUE TO 70 LB/FT.
15. SEE -10 FOR SEAL KIT TO THIS ASSEMBLY. SOFTGOODS ONLY. PACKAGE INDIVIDUALLY
AS A KIT. CLEAN PER ACD PROCEDURE ECP-007 & IDENTIFY.
16. FACE OF SLEEVES SHOULD BE STAKED IN 3 PLACES TO HOLD BEARINGS SECURE.
17. REMOVED
18. TORQUE TO 90-95 LB/FT.
19. CLEAN, ASSEMBLE & PACKAGE INDIVIDUALLY AS SPARES KIT (-20).
20. INSTALL OIL MANIFOLD AWAY FROM GEARBOX SIDE OF THE DRIVE.

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	R	SEE ECN	10/01/13	SL/SD

-	-	2	2	00584-001	PLUG, HOLLOW HEX PIPE 0.7500 NPTM STEE	85
-	-	1	1	58608-1	MANIFOLD ASSY, OIL INLET, 3-SLS	84
-	-	3	3	99001-184	WASHER, FLAT 0.6250 STEEL CD PL NARROW	83
-	-	3	3	89106-107	SCREW CAP 0.6250-18 UNF-3A 0.5000 LONG	82
-	-	8	8	99002-194	BOLT 0.6250-11 UNC-2A 1.5000 LONG STEE	80
-	-	8	8	99001-050	WASHER, LOCK 0.6250 STEEL ZINC PL RGLR	79
-	-	1	1	S10951	PLUG 0.7500 NPTM BRASS, SQUARE HEAD 12	78
-	23	23	23	80000-006	O RING STOCK 0.1030 DIA BUNA N	77
-	-	1	1	08502-010	TEE FEMALE 0.7500 NPTF X 0.7500 NPTF X	76
-	-	1	1	57088-1	END YOKE SLSCBGRO	75
-	-	1	1	6034	NIPPLE 0.7500 NPT X 3.0000 LG THREADED	73
-	-	1	1	04973-012	HOSE ASSY .75 ID, H24512 HOSE W/.75-14	71
-	-	1	1	45971-4	MANIFOLD ASSY, OIL DISCHARGE, 3-SLSCBG	70
-	-	12	12	99001-037	WASHER, LOCK 0.3750 STEEL ZN PL RGLR (69
-	-	1	1	781749-1	SPACER, BEARING	68
-	-	1	1	46295-1	GEAR REDUCER 2.35:1 PARALLEL SHAFT, 60	67
-	-	1	1	57066-1	FLANGE, MOUNTING, GEARBOX 3-SLSCBGRO	66
-	-	1	1	781784-1	SLEEVE, BEARING SL	65
-	-	21	21	786856-2	SHIM, SL & SLS	63
-	-	9	9	786856-1	SHIM, SL & SLS	62
-	3	3	3	80232	O RING 2.75000 INCH ID X 3.00000 INCH	61
-	-	12	12	99002-097	BOLT 0.3750-16 UNC-2A 1.5000 LONG STEE	60
-	-	3	3	785195-6	FLANGE ASSY, DRAIN	59
-	-	2	2	580334-1	BREATHER/FILLER, OIL (S.C.D.)	58
-	-	4	4	781763-7	STUD, SL SERIES DRIVE	57
-	-	1	1	784333-1	SLEEVE, BEARING SLSCB AND SLSCBGR	56
-	-	1	1	784332-1	COVER SLSCB	55
-	-	1	1	784331-1	COUNTERBALANCE SLSCB AND SLSCBGR	54
-	-	1	1	784330-1	PLATE, ADAPTER COVER SLSCB OR SLSCBGR	53
-	-	1	1	784327-2	KEY	52
-	-	8	8	99001-039	WASHER, LOCK 0.3750 SS18-8 HI COLLAR (51
-	-	1	1	57064-1	SHAFT, GEAR REDUCTION SLS	50
-	-	3	3	782764-2	CROSSHEAD PISTON & CONNECTING ROD ASSY	49
-	-	1	1	57004-1	END PLATE SLS	48
-	-	3	3	781959-1	COVER, SLEEVE 3-SL	47
-	-	3	3	781958-1	SEAL CARRIER	46
-	-	3	3	782253-1	INTERMEDIATE SLS	45
-	-	3	3	781786-2	ECCENTRIC 3-SL	44
-	-	1	1	781785-1	SPACER, BEARING	43
-	-	3	3	781761-1	SLEEVE, CROSSHEAD 3-SL	42
-	-	3	3	784708-1	HOUSING, CRANK	41
-20	-10	-2	-1	PART NUMBER	DESCRIPTION	ITM

-	-	2	2	781755-1	SLEEVE, BEARING, DUPLEX SL	40
-	-	1	1	781750-1	RETAINER RING	39
-	-	1	1	781702-1	PLUG - EYE BOLT	38
-	-	3	3	781699-1	SEAL RING	37
-	-	1	1	782489-1	ECCENTRIC SPACER	36
-	7	7	7	80266	O RING 8.00000 INCH ID X 8.25000 INCH	34
-	6	6	6	80264	O RING 7.50000 INCH ID X 7.75000 INCH	33
-	4	4	4	80263	O RING 7.25000 INCH ID X 7.50000 INCH	32
1	3	3	3	80240	O RING 3.75000 INCH ID X 4.00000 INCH	31
-	3	3	3	80171	O RING 8.00000 IN ID X 8.18750 IN OD B	30
-	5	5	5	80132	O RING 1.75000 INCH ID X 1.93750 INCH	28
-	4	4	4	80127	O RING 1.43750 INCH ID X 1.62500 INCH	27
2	6	6	6	87059-022	SEAL, WIPER BLACK POLYURETHAN J-3000 (26
1	3	3	3	87059-023	SEAL, ROD 3.00 X 3.50 X .250 PARK 2500	25
-	-	11	11	89106-153	SCREW CAP 0.3750-16 UNC-2A 1.0000 LONG	24
-	-	3	3	03732-016	PIN SPRING 0.1875 DIA X 0.3750 LONG SS	23
-	50	50	50	99900-034	WIRE, SAFETY 0.0320 DIA SS18-8 (FREE S	22
-	-	6	6	781539-2	RACE, INNER BEARING SL OR SLS	21
-	-	6	6	00983-003	BEARING, ROLLER CYLINDRICAL 80MM BORE	20
-	-	1	1	00982-001	BEARING, BALL RADIAL, 80MM BORE SINGLE	19
-	-	24	24	99001-057	WASHER, LOCK 0.8750 STEEL ZINC CHROMAT	18
-	-	8	8	99001-055	WASHER, LOCK 0.7500 STEEL ZNC PL RGLR	17
-	-	24	24	89106-152	SCREW CAP 0.8750-9 UNC-2A 3.5000 LONG	16
-	-	3	3	09406-016	SPRING, BELLEVILLE 0.945 OD X 0.413 ID	15
-	-	6	6	85030-002	RING, RETAINING 7.964 FREE ID X 0.345	14
-	-	3	3	85030-001	RING, RETAINING 7.722 FREE ID X 0.300	13
-	-	6	6	85021-024	RING, RETAINING 7.505 FREE OD X 0.265	12
-	-	3	3	85021-023	RING, RETAINING 4.405 FREE OD X 0.225	11
-	-	3	3	00312-07	PLUG, MAGNETIC 0.7500-14 NPTM HEX HEAD	10
-	-	2	2	07053-012	PLUG, HOLLOW HEX 1.6250-12 PORT 20HP50	9
-	-	2	2	07053-011	PLUG, HOLLOW HEX 1.0625-12 PORT 12HP50	8
-	-	3	3	S10046	PIN SPRING 0.2500 DIA X 0.7500 LONG SS	7
-	-	8	8	99001-621	WASHER, FLAT 0.7500 NOMINAL ID SS18-8	6
-	-	8	8	99000-077	NUT 0.7500-10 UNC-2B STEEL ZINC PLATED	5
-	-	2	2	00242-12	EYEBOLT, SHOULDER 0.500-13 X 1.500 LON	4
-	-	1	1	00243-007	EYEBOLT, SHOULDER 0.3750-16 X 1.2500 L	3
-	-	1	1	99004-129	SCREW SET 0.5000-13 UNC-2A 1.5000 LG H	2
-	-	3	3	13553-2	KEY, ECCENTRIC LMPD/SLS	1
-20	-10	-2	-1	PART NUMBER	DESCRIPTION	ITM

QTY. REQ. PER ASSY.	SYM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL AND/OR SPECIFICATION	ZONE	ITEM NO.
UNLESS OTHERWISE SPECIFIED						
A. INTERPRET DRAWING PER ANSI Y14.5						
B. REMOVE ALL BURRS AND SHARP EDGES .005/.015R						
C. SURFACE ROUGHNESS 125 ✓ PER ANSI B46.1						
D. THREADS PER ANSI B1.1 FOR UNIFIED INCH SCREW THREADS						
E. MACHINED FILLET RADIUS .005/.015						
F. WELD SYMBOLS PER AWS A5.4						
EST. WT. ACT. WT.						
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LIST OF MATERIAL			LM CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON			DRAWN S.DANNA DATE 29AUG01			
FRACT DECIMALS ANGLES			CHECKED			
± .x ±.10 ±.03 ±.010 ± 2°			DESIGN BGBROWN 08/29/01			
DO NOT SCALE DRAWING			STRESS			
TREATMENT			AERODYNAM/HYDR			
FINISH			PROJECT BGBROWN 08/29/01			
SIMILAR TO			DESIGN ACTIVITY			
57170/788631			MFG. ENGRG.			
PARENT DWG. NO.			DWG. SIZE			
57120			D 15275			
			FSCM NO. DWG. NO.			
			57060			
			SCALE 1/1 & NOTED REL DATE 10-4-01 SHEET 1 OF 5			

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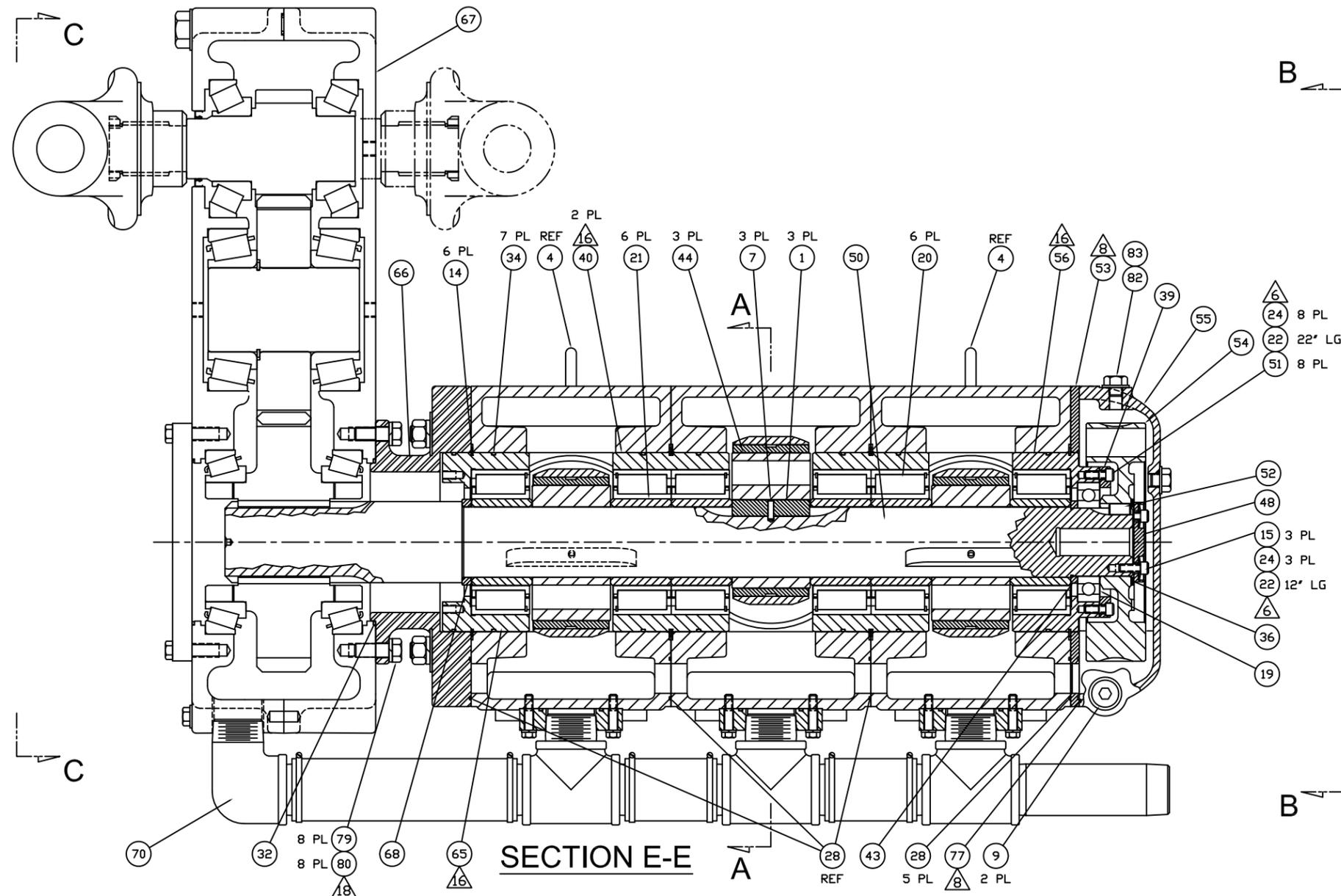
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SECTION E-E

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 DWG. NO. 57060
 FSCM NO. 15275
 SCALE 1/3
 REL DATE 10-4-01
 SHEET 2 OF 5

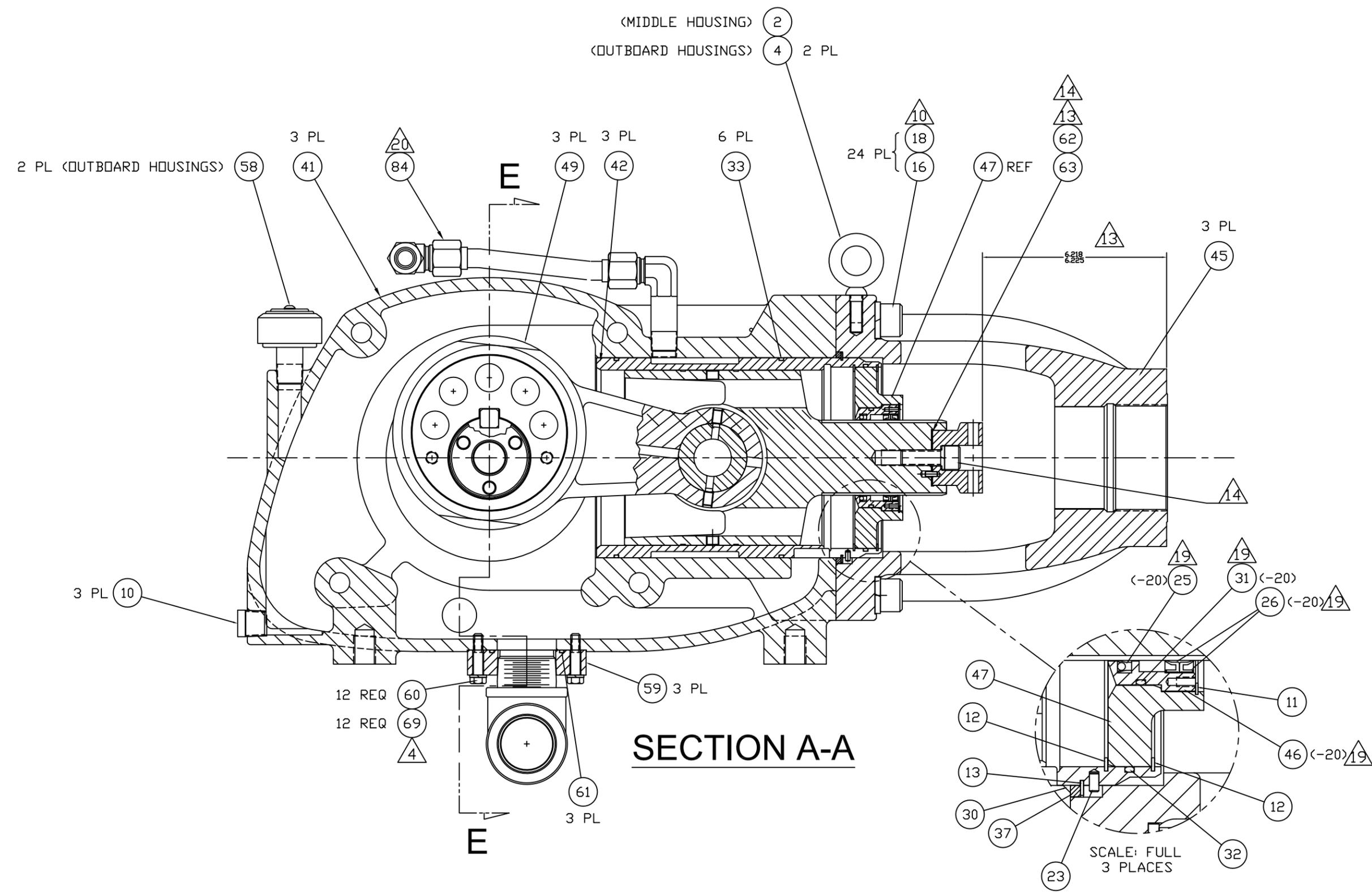
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REVISIONS				
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SECTION A-A

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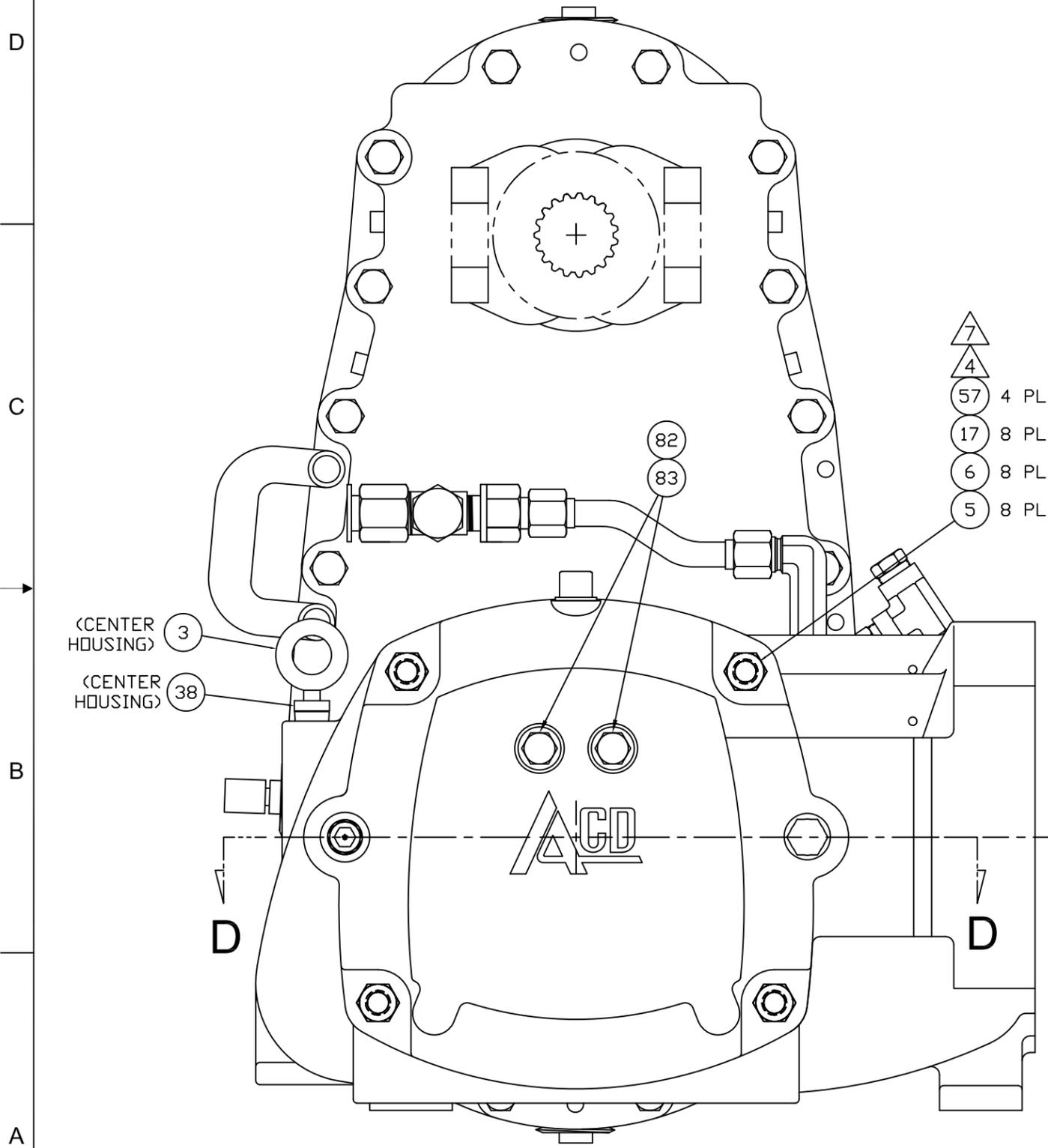
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DWG. SIZE D	FSCM NO. 15275	DWG. NO. 57060
SCALE 1/2	REL DATE 10-4-01	SHEET 3 OF 5

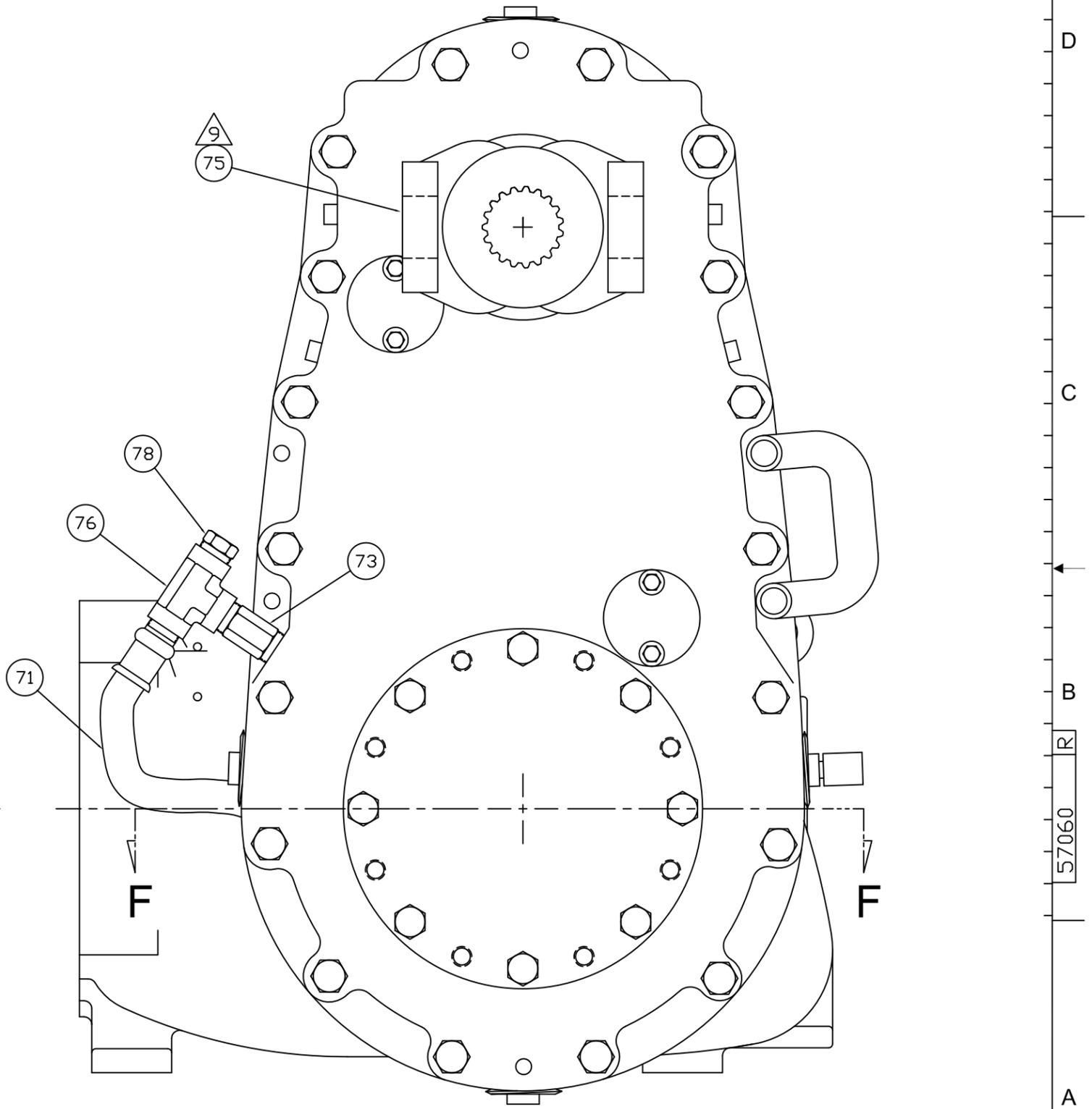
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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED



VIEW B-B
-2 ASS'Y SHOWN



VIEW C-C
-2 ASS'Y SHOWN

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DWG. SIZE D	FSCM NO. 15275	DWG. NO. 57060
SCALE 1/2	REL DATE 10-4-01	SHEET 4 OF 5

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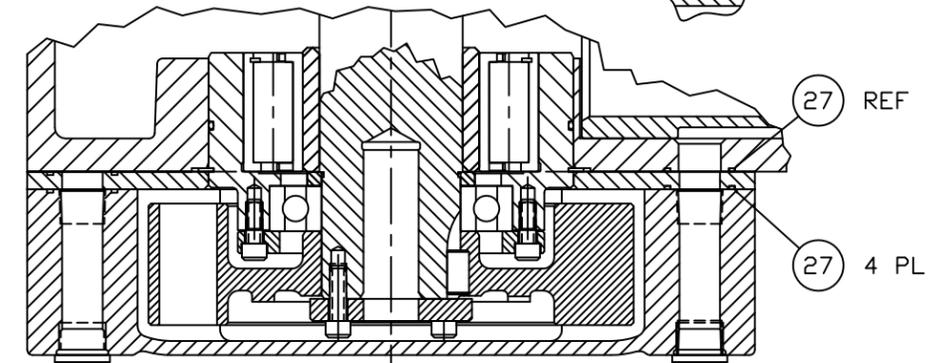
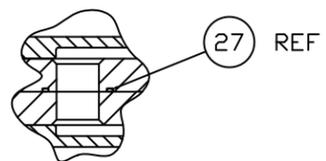
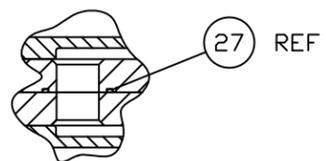
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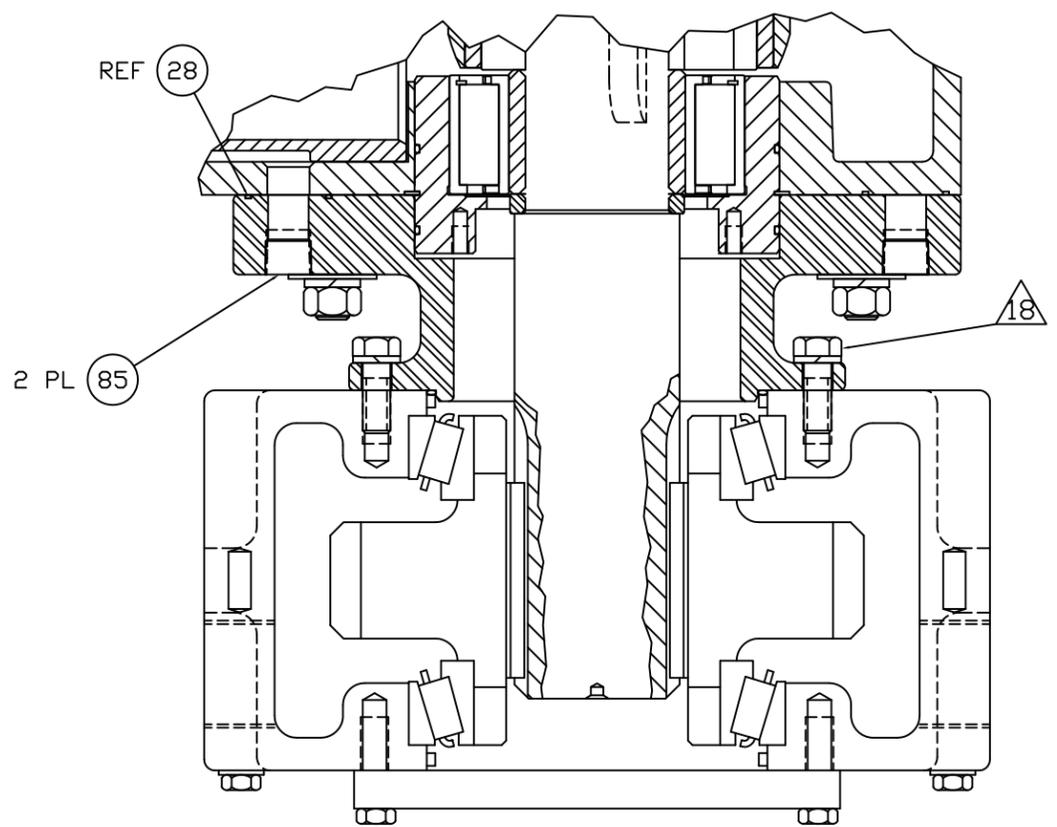
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ZONE	LTR	DESCRIPTION	DATE	APPROVED



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SECTION D-D



SECTION F-F

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	D	15275	57060
SCALE 1/2	REL DATE 10-4-01	SHEET 5 OF 5	

