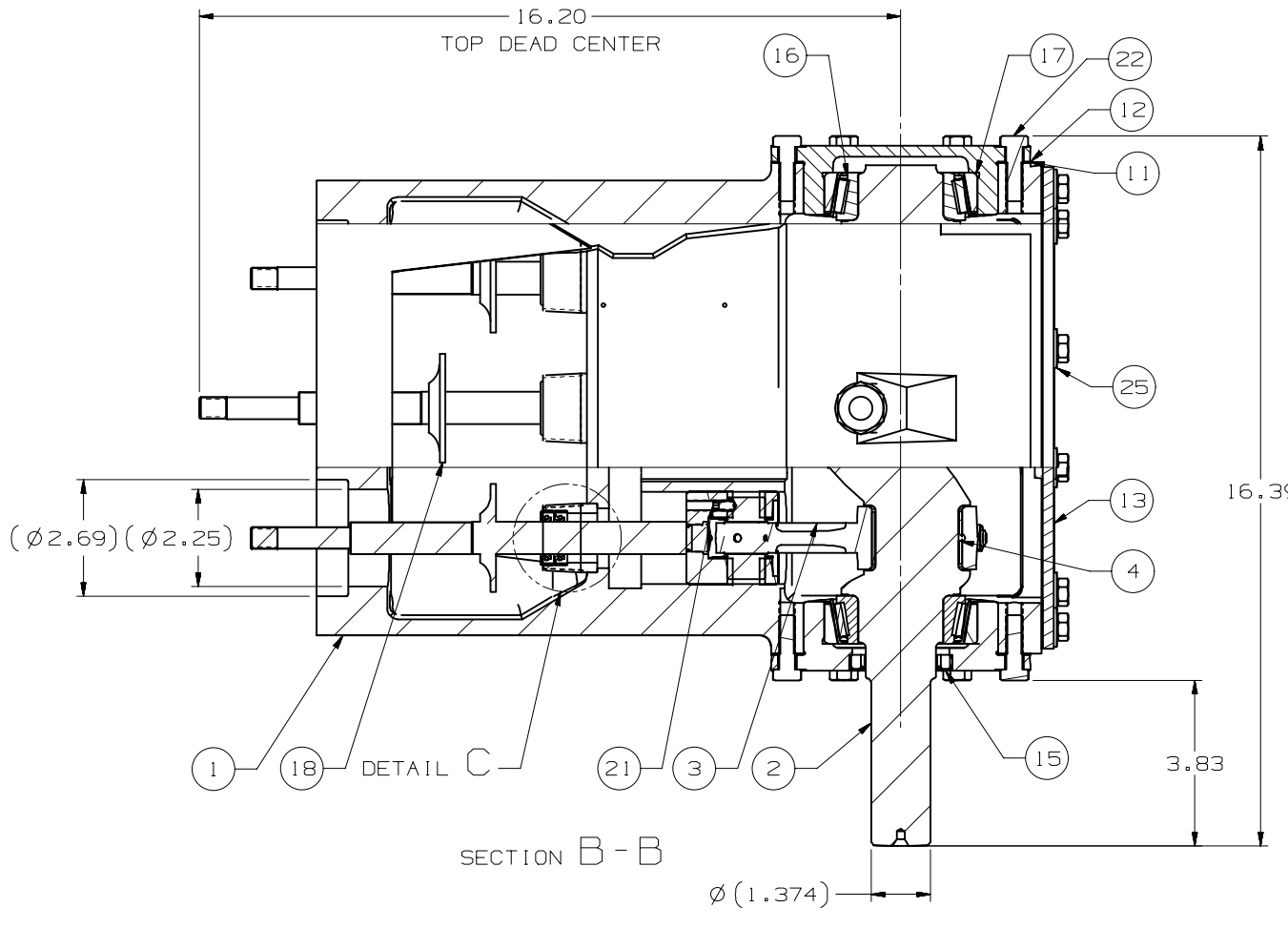
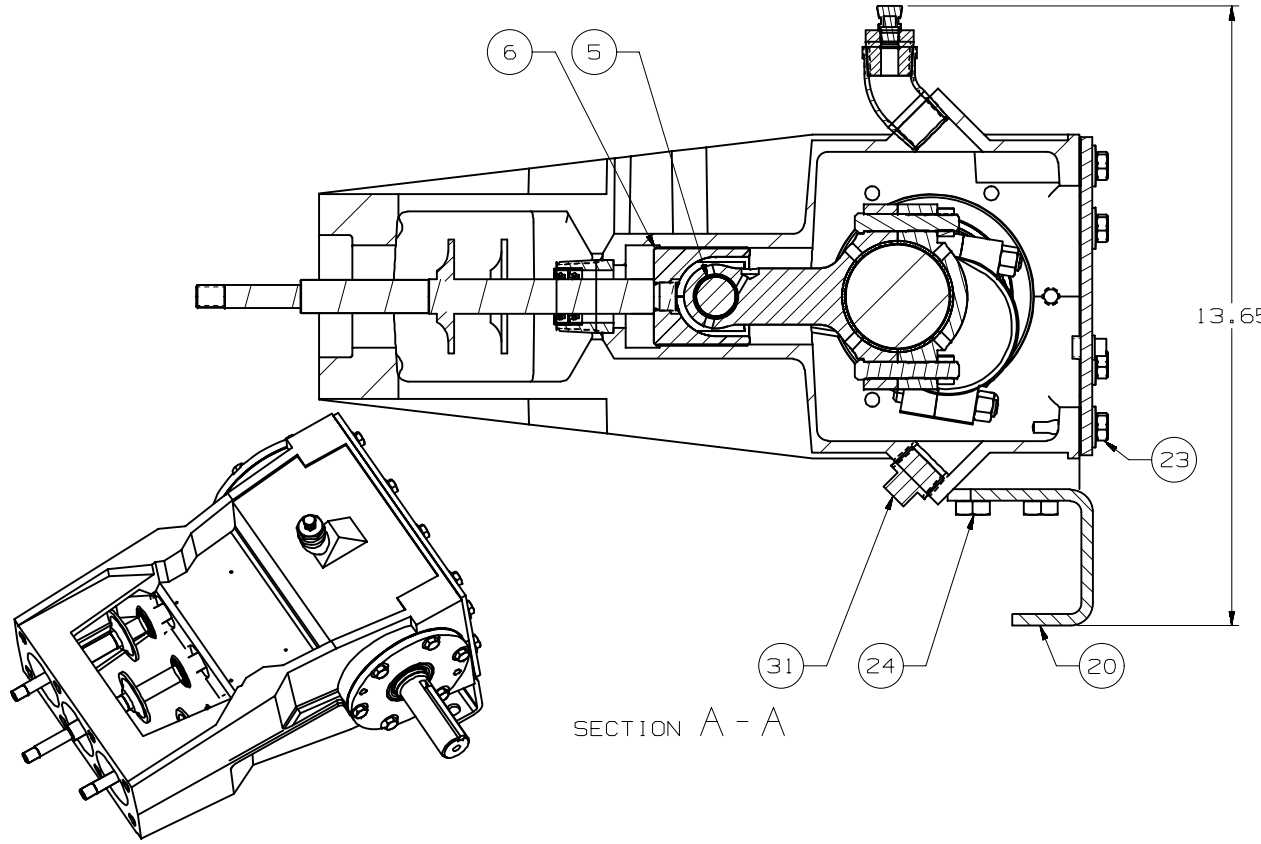


SECTION B - B

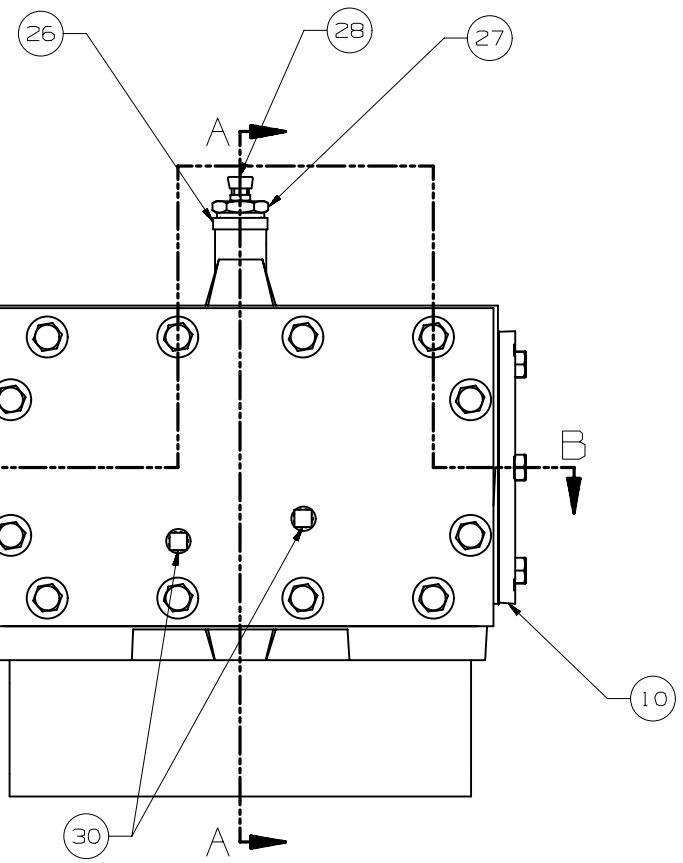
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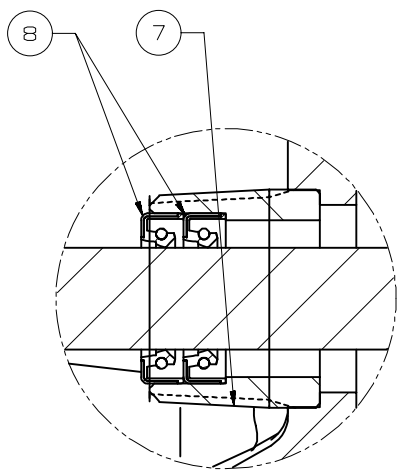
1. CONNECTING ROD SPLASH HOLE MUST BE FACING UPWARD.
2. WRIST PIN LOCK HOLE MUST ALIGN WITH SET SCREW. APPLY LOCTITE 271 TO SET SCREWS BEFORE ASSEMBLY.
3. LUBRICATE CRANKSHAFT OIL SEALS WITH LIGHT OIL ONLY.
4. ALL MOVING PARTS IN THE POWER END SHOULD BE LUBRICATED WITH SAE 30 WT OIL AT ASSEMBLY.
5. ASSEMBLE CRANKSHAFT IN POWER FRAME WITH TAPERED BEARINGS END PLAY OF .002 TIGHT TO .003 LOOSE.
6. INSTALL ROD SEALS WITH BOTH LIPS TURNED TOWARD THE CRANKCASE.
7. APPLY SILICON SEALER TO SEAL HOLDER (ITEM #7) BEFORE PRESSING INTO POWER FRAME.
8. ITEMS 29 AND 30 TO BE INSTALLED AFTER TESTING, AND BEFORE CLEANING AND PAINTING.

ITEM	DESCRIPTION	QTY
1	POWER FRAME:	1
2	CRANKSHAFT:	1
3	CONNECTING ROD:	3
4	ROD BEARING: HALF SHELL	6
5	WRIST PIN:	3
6	CROSSHEAD ASSEMBLY:	3
7	SEAL HOLDER: PONY ROD SEAL	3
8	SEAL: PONY ROD	6
9	BEARING HOUSING: DRIVE SIDE	1
10	BEARING HOUSING: BLIND	1
11	GASKET: BEARING HOUSING	2
12	SHIM: BEARING HOUSING	6
13	BACK COVER:	1
14	GASKET: BACK COVER	1
15	OIL SEAL:	1
16	BEARING CONE:	2
17	BEARING CUP:	2
18	BARRIER WASHER:	3
19	KEY: 5/16 SQ X 3.00 LG	1
20	REAR FOOT:	1
21	SET SCREW: 1/4-20UNC-2A X .50 LG	3
22	HEX HEAD CAPSCREW: 3/8-16UNC X 1.2	12
23	HEX HEAD CAPSCREW: 3/8-16UNC X .75	12
24	CAP SCREW: HEX HEAD, 1/2 X .75 LG	6
25	WASHER: BELLEVILLE, 3/8	12
26	STREET ELBOW: 3/4 NPT X 45 DEG	1
27	BUSHING: HEX HEAD, 3/4 X 1/8	1
28	LUBE VENT: 1/8-27 PTF	1
29	PIPE PLUG: SQ HEAD, 1/8 NPT	1
30	PIPE PLUG: 1/4 NPT	2
31	PIPE PLUG: SQ HEAD, 3/4 NPT	1



SECTION A - A





DETAIL C

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UNLESS OTHERWISE SPECIFIED

DO NOT SCALE THIS DRAWING
ALL DIMENSIONS ARE IN INCHES [MM]
BREAK SHARP EDGES .015 [.381] MAXIMUM
INSIDE CORNER RADII .030 [.762] MAXIMUM
THREADS CONFORM TO FEDERAL STANDARD H-28
TAPERED THREADS CONFORM TO API 6A
BOLT HOLES MUST STRADDLE COMMON CENTERLINE
FINISH 250 RMS
ALL DIA'S CONCENTRIC WITHIN .010 [.254] T.I.R.

TOLERANCE	
.X -- ± .030 [.762]	
.XX -- ± .015 [.381]	
.XXX -- ± .005 [.127]	
ANGLE -- ± 30'	

DESCRIPTION: POWER END ASSEMBLY; L06 RH

DRAWN BY: KUNISHIGE, SCOTT	DATE: 09-OCT-2006	FMC Technologies
DRAFTING CHECK: KUNISHIGE, SCOTT	DATE: 09-OCT-2006	
DESIGN REVIEW: GOODELL, GENE	DATE: 21-DEC-2006	
MANUFACTURING APPROVAL: CRUZ, GEORGE	DATE: 15-DEC-2006	LATEST ECN NO. 5016483 REV. B
APPROVED BY: SINGLETERRY, RONALD	DATE: 15-JAN-2007	DRAWING NUMBER 6700DU5014639

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