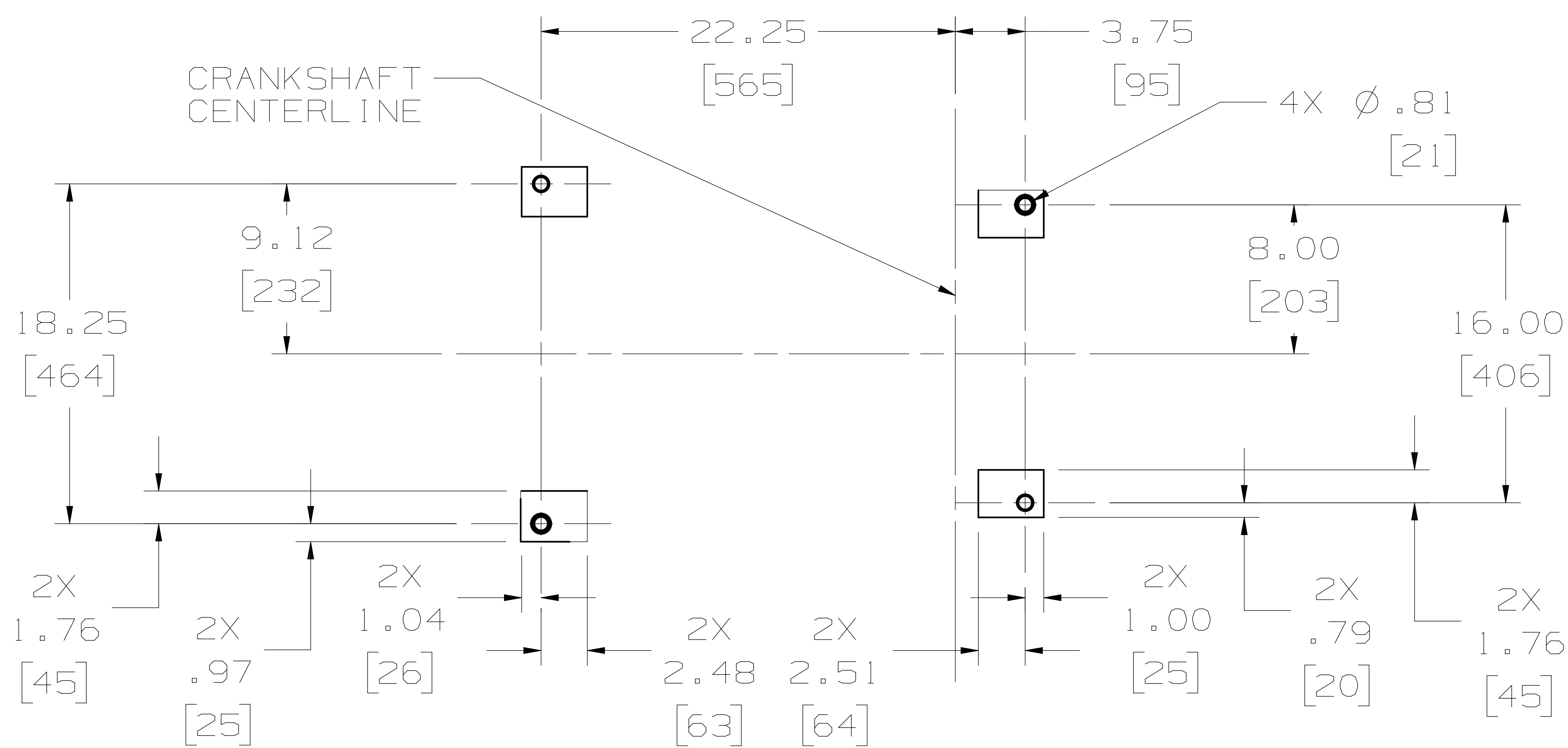
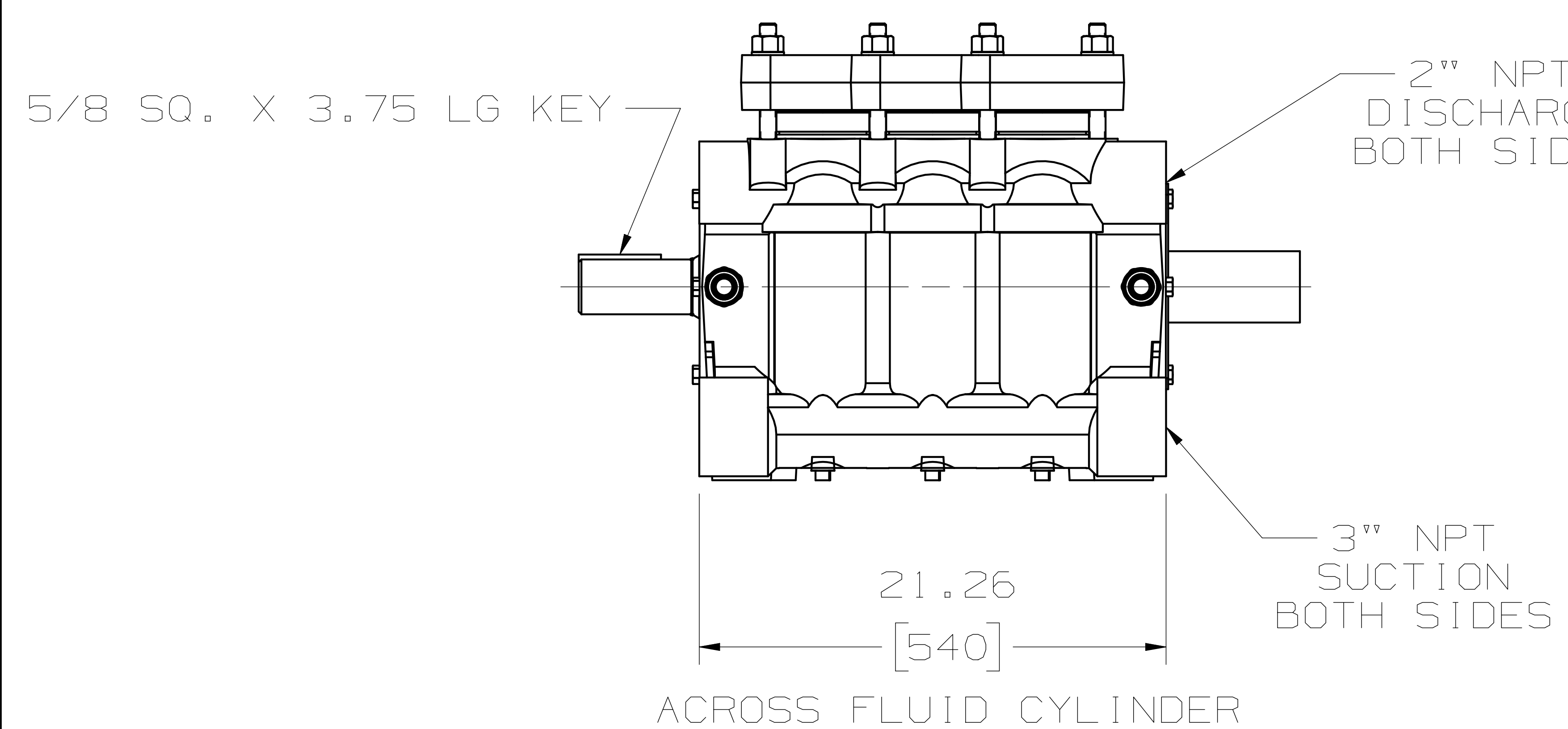
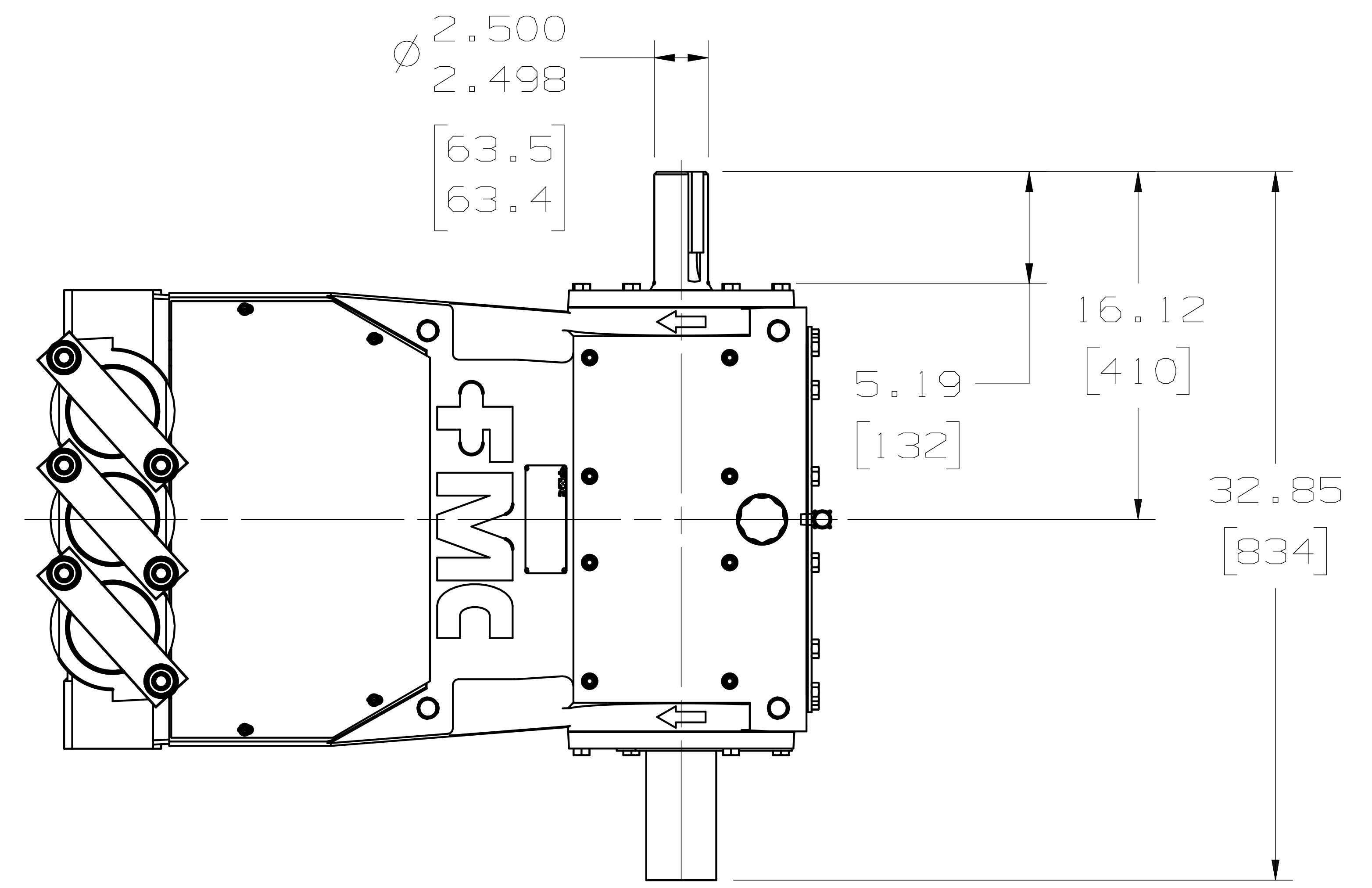


ITEM	DESCRIPTION	QTY
1	POWER END ASSEMBLY:	1
2	FLUID CYLINDER:	1
3	VALVE ASSEMBLY:	3
4	VALVE ASSEMBLY:	3
5	STUFFING BOX:	3
6	PACKING:	3
7	PLUNGER:	3
8	THROAT BUSHING/FOLLOWER:	6
9	ADJUSTING NUT:	3
10	VALVE COVER:	3
11	VALVE COVER CLAMP CASTING:	3
12	CRADLE COVER:	1
13	SHAFT GUARD:	1
14	O-RING: UNIFORM #239	6
15	STUD: 3/4 X 5.75 LG	6
16	STUD: 3/4 X 6.50 LG	6
17	STUD: 1 X 5.50 LG	2
18	FLAT WASHER: TYPE A, 3/4 N	12
19	HEAVY HEX NUT: 3/4	12
20	LOCKNUT: HYV HEX, 1 NYLON INSERT	2
21	SET SCREW: 5/16 X .50 LG, NYLON TIP	3
22	PIPE PLUG: SQ HEAD, 3/4 NPT	3
23	NAMEPLATE:	1
24	SELF TAPPING SCREW:	4
25	CAPLUG: MODEL 24S (NOT SHOWN)	2
26	CAPLUG: MODEL T-501 (NOT SHOWN)	2

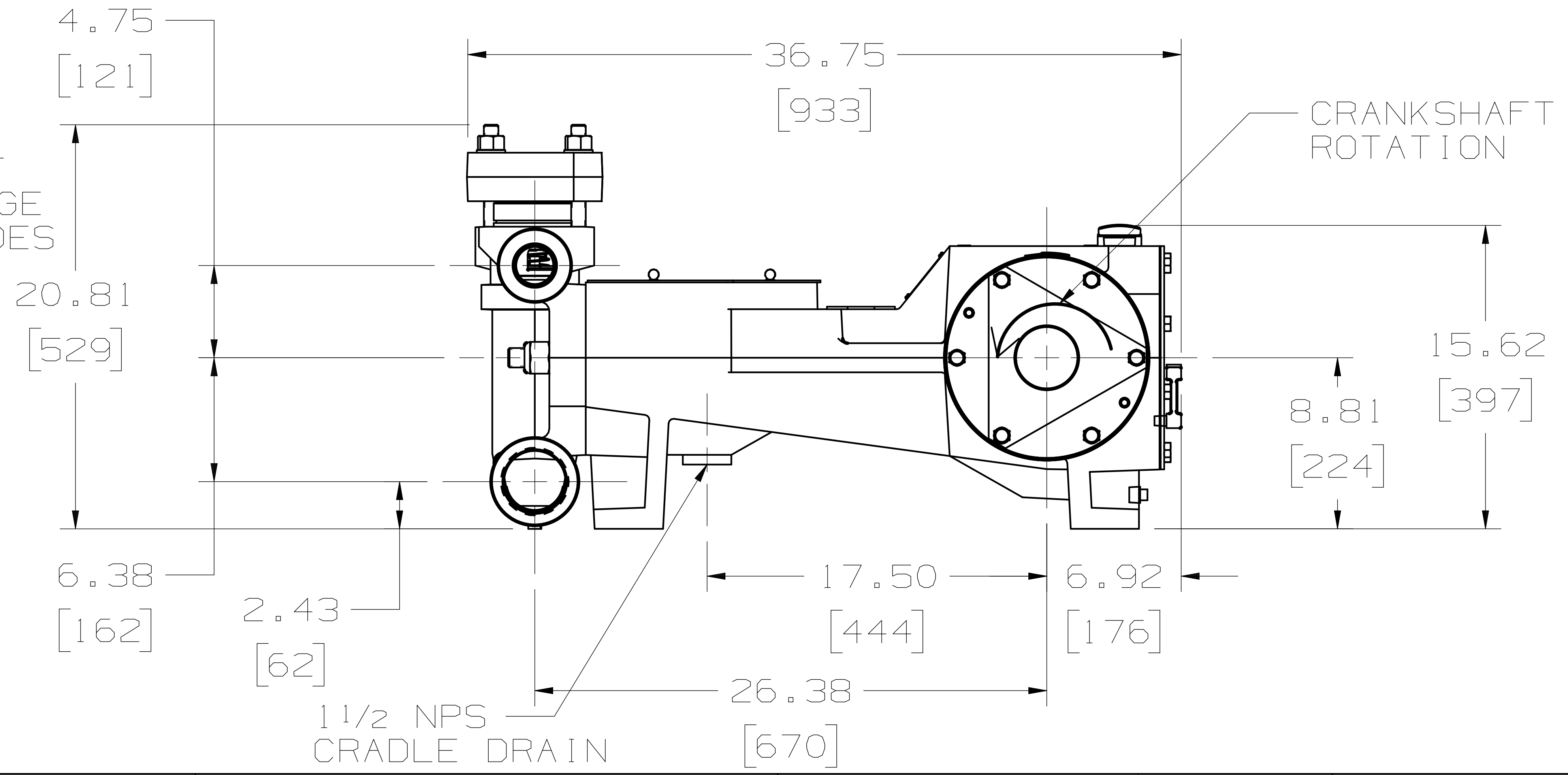
PRIVATE AND CONFIDENTIAL THIS DOCUMENT AND ALL THE INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES AND MAY NOT BE REPRODUCED, USED, DISCLOSED, OR MADE PUBLIC IN ANY MANNER PRIOR TO EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES. THIS DOCUMENT IS ACCEPTED PURSUANT TO AGREEMENT TO THE FOREGOING, AND MUST BE RETURNED UPON DEMAND. MANUFACTURER AGREES THAT ARTICLES MADE IN ACCORDANCE WITH THIS DOCUMENT SHALL BE CONSIDERED FMC TECHNOLOGIES' DESIGN, AND THAT IDENTICAL ARTICLES OR PARTS THEREOF SHALL NOT BE MANUFACTURED FOR THE USE OR SALE BY MANUFACTURER OR ANY OTHER PERSON OR ENTITY WITHOUT PRIOR EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES.	UNLESS OTHERWISE SPECIFIED DO NOT SCALE THIS DRAWING ALL DIMENSIONS ARE IN INCHES (MM) BREAK SHARP EDGES .015 (1.381) MAXIMUM INSIDE CORNER RADIUS .030 (1.762) 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 (1.254) T.I.R.	TOLERANCE .X -- ± .030 (0.762) .XX -- ± .015 (0.381) .XXX -- ± .005 (0.127) ANGLE -- ± 0° 30'	DESCRIPTION PUMP ASSEMBLY: M1220 DBL EXT, W/3 NPT X 2 NPT FLUID END, BRAIDED RING PKG, AIR VALVE ASSEMBLIES	DRAWN BY: WOLVERTON, JARROD	DATE: 05-OCT-2009
				DRAFTING CHECK: WOLVERTON, JARROD	DATE: 10-JUN-2010
				DESIGN REVIEW: SINGLETERRY, RONALD	DATE: 13-JUL-2010
				MANUFACTURING APPROVAL: CRUZ, GEORGE	DATE: 10-JUL-2010
				APPROVED BY: LYON, TIM	DATE: 19-AUG-2010
				LATEST ECN NO. 5023223	REV. A
				DRAWING NUMBER DUS00016543	SHEET 1/2
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FOOT PRINT AND MOUNTING DETAIL



ACROSS FLUID CYLINDER



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ENGINEERING  
 DIMENSIONAL  
 OUTLINE

DESCRIPTION  
 PUMP ASSEMBLY; M1220 DBL EXT, W/3 NPT X 2 NPT FLUID END, BRAIDED RING PKG, AR VALVE ASSEMBLIES

DRAWN BY: WOLVERTON, JARROD	DATE: 05-OCT-2009
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