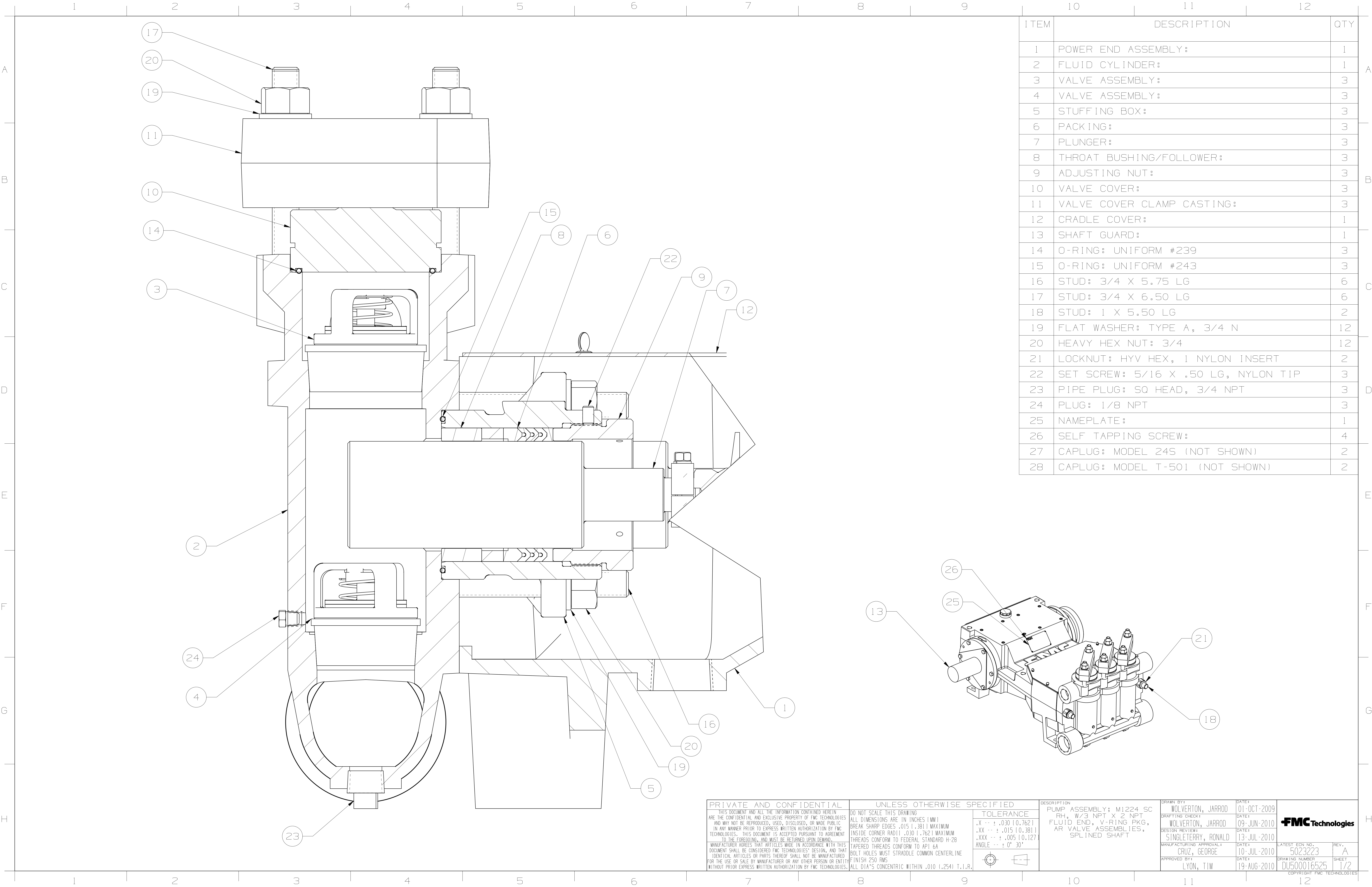
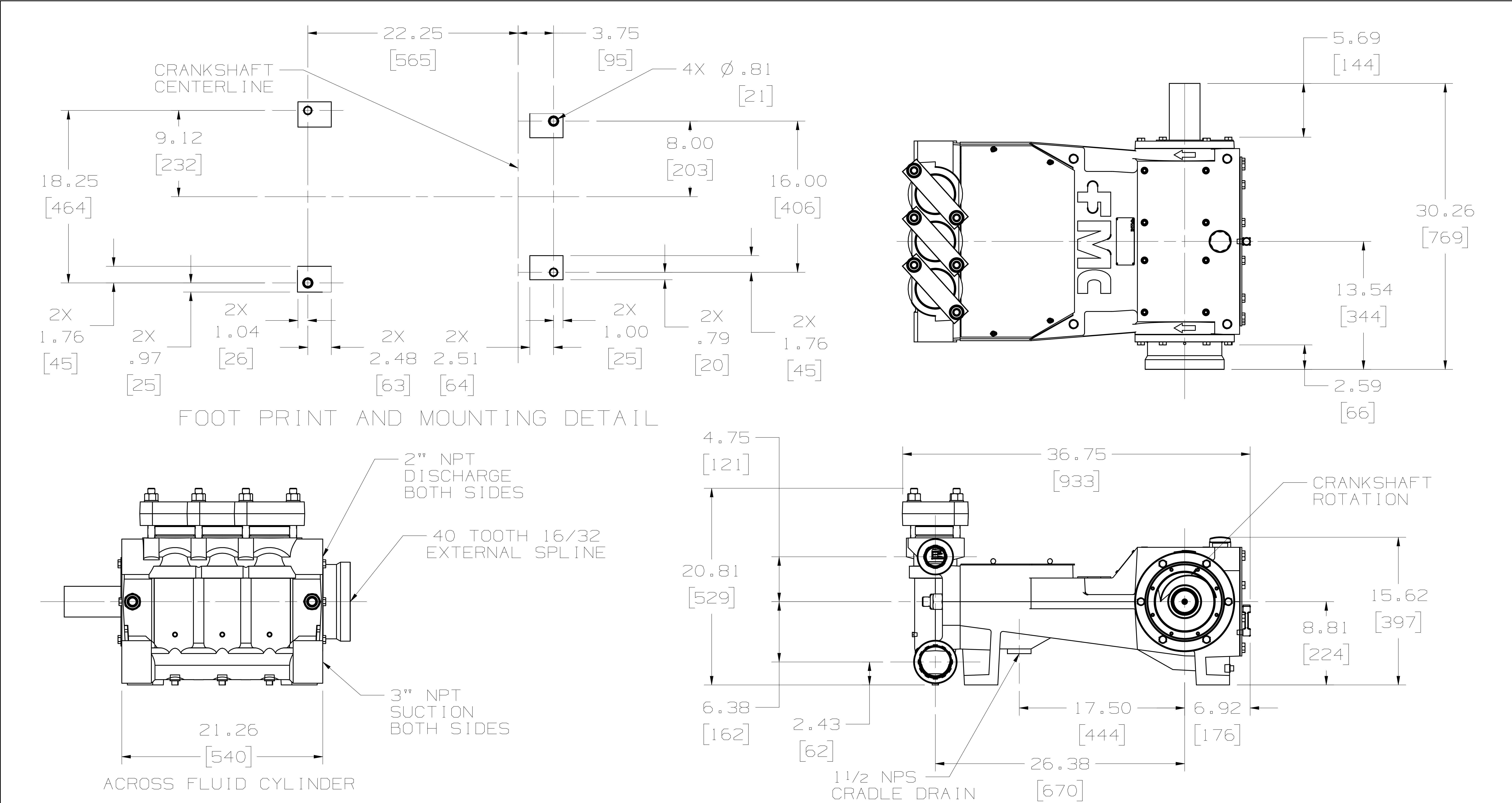




ITEM	DESCRIPTION	QTY
1	POWER END ASSEMBLY:	1
2	FLUID CYLINDER:	1
3	VALVE ASSEMBLY:	3
4	VALVE ASSEMBLY:	3
5	STUFFING BOX:	3
6	PACKING:	3
7	PLUNGER:	3
8	THROAT BUSHING/FOLLOWER:	3
9	ADJUSTING NUT:	3
10	VALVE COVER:	3
11	VALVE COVER CLAMP CASTING:	3
12	CRADLE COVER:	1
13	SHAFT GUARD:	1
14	O-RING: UNIFORM #239	3
15	O-RING: UNIFORM #243	3
16	STUD: 3/4 X 5.75 LG	6
17	STUD: 3/4 X 6.50 LG	6
18	STUD: 1 X 5.50 LG	2
19	FLAT WASHER: TYPE A, 3/4 N	12
20	HEAVY HEX NUT: 3/4	12
21	LOCKNUT: HYV HEX, 1 NYLON INSERT	2
22	SET SCREW: 5/16 X .50 LG, NYLON TIP	3
23	PIPE PLUG: SQ HEAD, 3/4 NPT	3
24	PLUG: 1/8 NPT	3
25	NAMEPLATE:	1
26	SELF TAPPING SCREW:	4
27	CAPPLUG: MODEL 24S (NOT SHOWN)	2
28	CAPPLUG: MODEL T-501 (NOT SHOWN)	2

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		ALL DIMENSIONS ARE IN INCHES (MM)		.X -- ± .030 (0.762)		RH, W/3 NPT X 2 NPT		DRAWING CHECKED: WOLVERTON, JARROD	
		BREAK SHARP EDGES .015 (1.381) MAXIMUM		.XX -- ± .015 (0.381)		FLUID END, V-RING PKG,		DESIGN REVIEW: SINGLETERRY, RONALD	
		INSIDE CORNER RADIUS .030 (1.762) MAXIMUM		.XXX -- ± .005 (0.127)		AR VALVE ASSEMBLIES		DATE: 13-JUL-2010	
		THREADS CONFORM TO FEDERAL STANDARD H-28		ANGLE -- ± 0° 30'		SPLINED SHAFT		MANUFACTURING APPROVAL: CRUZ, GEORGE	
						DATE: 10-JUL-2010		LATEST EDN NO. 5023223	
						APPROVED BY: LYON, TIM		REV. A	
								DRAWING NUMBER DU500016525	
								SHEET 1/2	
								COPYRIGHT FMC TECHNOLOGIES	



PRIVATE AND CONFIDENTIAL		ENGINEERING DIMENSIONAL OUTLINE	DESCRIPTION PUMP ASSEMBLY; M1224 SC RH, W/3 NPT X 2 NPT FLUID END, V-RING PKG, AR VALVE ASSEMBLIES, SPLINED SHAFT	DRAWN BY: WOLVERTON, JARROD	DATE: 01-OCT-2009		
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				DESIGN REVIEW: SINGLETERRY, RONALD	DATE: 13-JUL-2010		
				MANUFACTURING APPROVAL: CRUZ, GEORGE	DATE: 10-JUL-2010	LATEST ECN NO. 5023223	REV. A
				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.		APPROVED BY: LYON, TIM	DATE: 19-AUG-2010

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