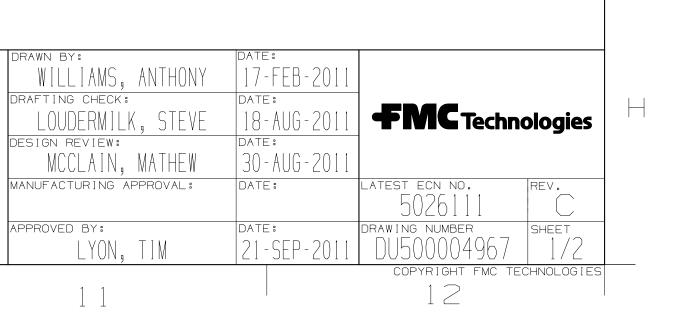
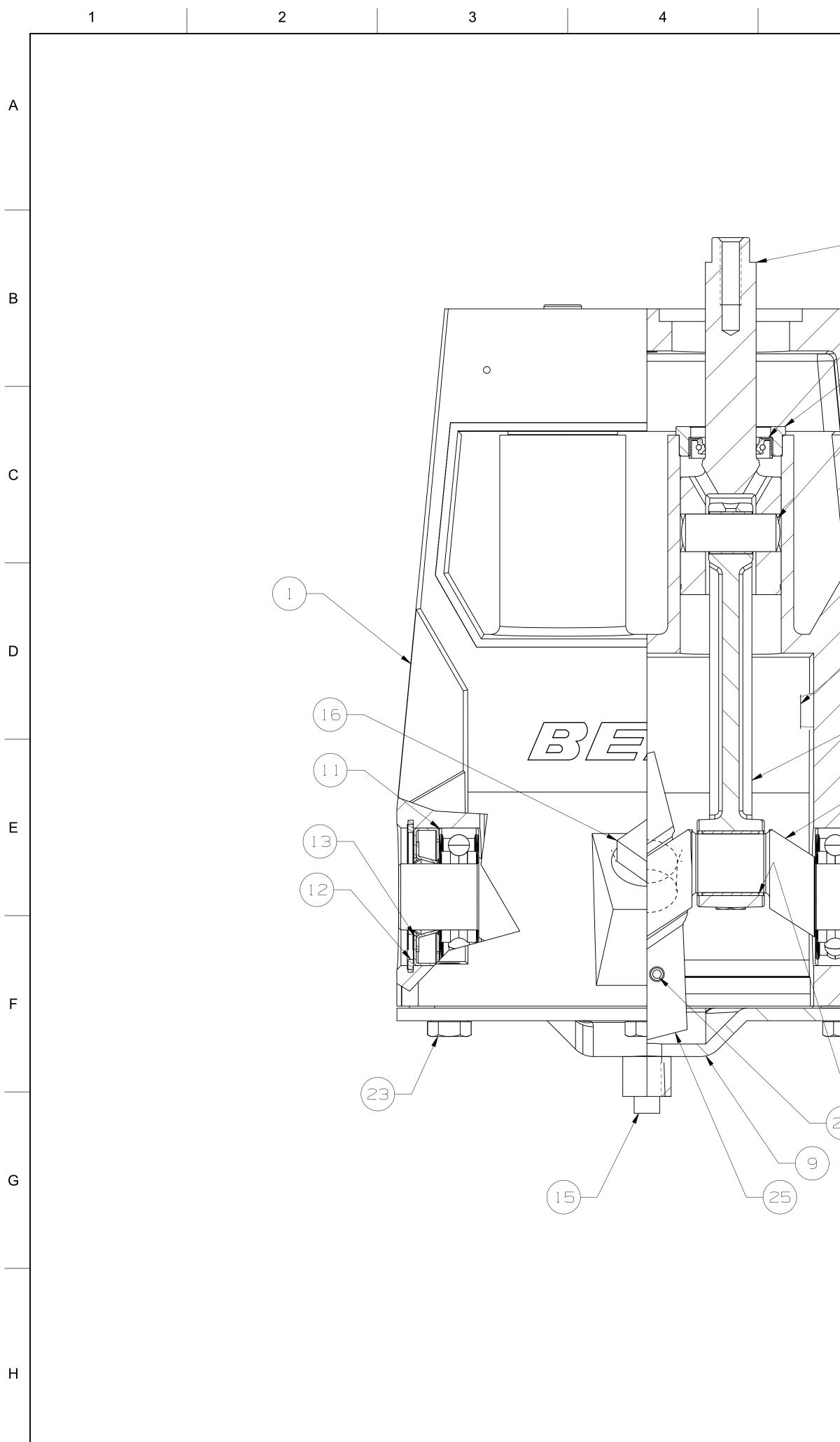


7 8 9		10 11 12		
	ITEM	DESCRIPTION		
(9) (16)		POWER END ASSEMBLY:		
	2	FLUID CYLINDER: Spring and disc assembly:	4	A
		SEAT:	4	/ \
	5	CYLINDER:	2	
		PISTON CUP:	2	
	7	PISTON HOLDER:	2	
	8	PISTON RETAINER:	2	
	9	VALVE CAGE:	4	
	10	RING SEAL: CYLINDER	2	В
		UMBRELLA: F/E04	2	
		WASHER: UMBRELLA	2	
		VALVE COVER: VALVE COVER CLAMP:	2	
		GASKET: VALVE COVER	2	
		O-RING: UNIFORM #213	6	
		O-RING: UNIFORM #033	2	С
	18	O-RING: UNIFORM #015	2	
	19	CAP SCREW: HEX HEAD, 1/2 X 1.50 LG	1	
	20	CAP SCREW: HEX HEAD, 3/8 X 5.00 LG	З	
		CAP SCREW: HEX HEAD, 5/16 X 1.50 LG	2	
		NAMEPLATE :	1	
	23	SELF TAPPING SCREW:	2	
		CAPLUG: INT 14 (NOT SHOWN)		
	25	CAPLUG: #T-9 (NOT SHOWN)		
				E
				G
SECTION A - A				
PRIVATE AND CONFIDENTIAL UNLESS OTHERWISE SPECIFIED THIS DOCUMENT AND ALL THE INFORMATION CONTAINED HEREIN DO NOT SCALE THIS DRAWING ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES DO NOT SCALE THIS DRAWING ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES DO NOT SCALE THIS DRAWING ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES DO NOT SCALE THIS DRAWING ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES DO NOT SCALE THIS DRAWING IN ANY MANNER PRIOR TO EXPRESS WRITTEN AUTHORIZATION BY FMC DO NOT SCALE THIS DRAWING ALL DIMENSIONS ARE IN INCHES IMMI X ± .030 [NANUFACTURER AGREES THAT ARTICLES MADE IN ACCORDANCE WITH THIS DOCUMENT SHALL BE CONSIDERED FMC TECHNOLOGIES' DESIGN, AND THAT IDENTICAL ARTICLES ON 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. BIAN SCONCENTRIC WITHIN .010 (.254) T.I.R.	NCE PUI 0.762] E [0.381] E 5 [0.127] E	IPTION MP ASSEMBLY; A0413 RH, (1 NPT X 1/2 NPT FLUID ND, ABRASIVE SERVICE PISTON, DISC VALVE ASSEMBLIES MCCLAIN, MATHEW MANUFACTURING APPROVAL: DATE: MCCLAIN, MATHEW MANUFACTURING APPROVAL: DATE: DATE: MCCLAIN, TIM DATE: DATE	REV. SHEET 1/2	H





* RELEASED FOR MANUFACTURE * -- Published: 05-Dec-2019_15:06626

5	6	7	8	9	
	18				
		4			
	<u>(10)</u>				

UNLESS OTHERWISE SPECIFIED			DRAWN BY	
DO NOT SCALE THIS I BREAK SHARP EDGES .015 [(INSIDE CORNER RADII .030 [(ALL SURFACE TEXTURES Ra 2 [6.3 MICROMETE WELDING SYMBOLS PER A THREADS TO ASME B ALL COAXIAL DIA'S TO .010 [0.254]	0.381] MAXIMUM 0.762] MAXIMUM 50 MICROINCHES FRS] WS A2.4-2012 1 SERIES	TOL ON AN X +/- X +/- XX +/- XXX +/- XXX +/- DIM AND TOL PI	I INCHES [MILLIMETERS] GLE +/- 0.5 DEG 060 [1.524] .030 [0.762] .015 [0.381] 005 [0.127] ER ASME Y14.5-2009 LE PROJECTION	HI DRAFTING C HI DESIGN RE\ RC MANUFACTU
7	8		9	

7

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		10	11	12			
	ITEM		DESCRIPTION		QTY		
	1	POWER FRA	MF :		1		
	2	CRANKSHAFT:		1	A		
	3	CONNECTIN			2		
	4		NG: HALF SHELL		4		
	5	WRIST PIN			2		
	6	CROSSHEAD:			2		
	7	7 SEAL HOLDER:					
	8	SEAL: PON	IY ROD		2		
	9	BACK COVE	R		1	В	
	10	GASKET: B	ACK COVER		1		
	1 1	BALL BEAR	CING:		2		
	12	RETAINING	RING:		2		
	13	SHAFT SEAL:					
	14	KEY: 3/16	SQ X 1.5 LG		1		
	15	PIPE PLUG	5: 1/4 NPT		1	_	
	16	PIPE PLUG	5: SQ HEAD, 3/4 NF	рТ	1	C	
^	17	ELBOW: 1/	4 FEMALE NPT		1		
	18	NIPPLE: 1	/4 SCH 40, 1/4 NF	PT X 1.25	1		
	19	NIPPLE: 1	/4 540, 1/4 NPT >	< 2.00LG	1		
	20	REDUCER :	1/4 NPT X 1/8 NPT		1		
	21	LUBE VENT	: 1/8 PTF		1		
	22	CAP SCREW	": HEX HD #10 X	75 LG	2		
	23	CAP SCREW	: HEX HEAD, 3/8 >	<.75 LG	6		
	24	BOLTING S	TRIP: NOT SHOWN		1		
	25	OIL SLING	ER: RH		1		
	26	HEX NUT:	#10 NOT SHOWN		2		
						I	

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> Copyright TechnipFMC. Unless otherwise agreed in writing, this document and all information contained herein is the confidential and exclusive property of TechnipFMC. DATE 19-NOV-2019 IITOLA, ERIC C. CHECKER DATE
>
> 19-NOV-2019
> DESCRIPTION POWER END ASSEMBLY; A04 RH, W/2.25 LG SHAFT, W/ NO MOUNTING HOLES IN BACKCOVER, LUBE VENT
>
> IITOLA, ERIC C. VIEWER DATE 03-DEC-2019 OTHE, MICHAEL Н URING APPROVER DATE 5051097 REV SHEET SIZE ECN D DATE С 1/1 05-DEC-2019 SCALE DWG NO DU500004948 LYON, TIM 10 12 11

