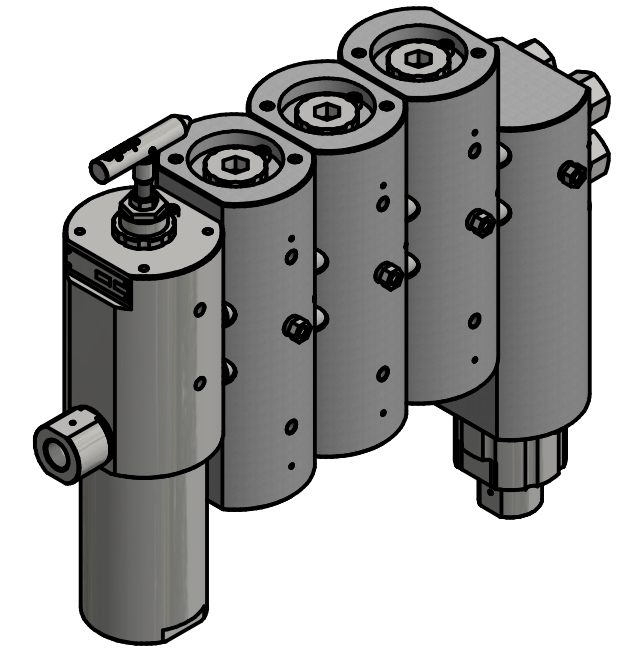
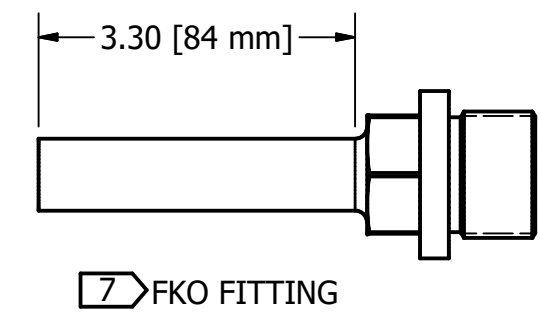
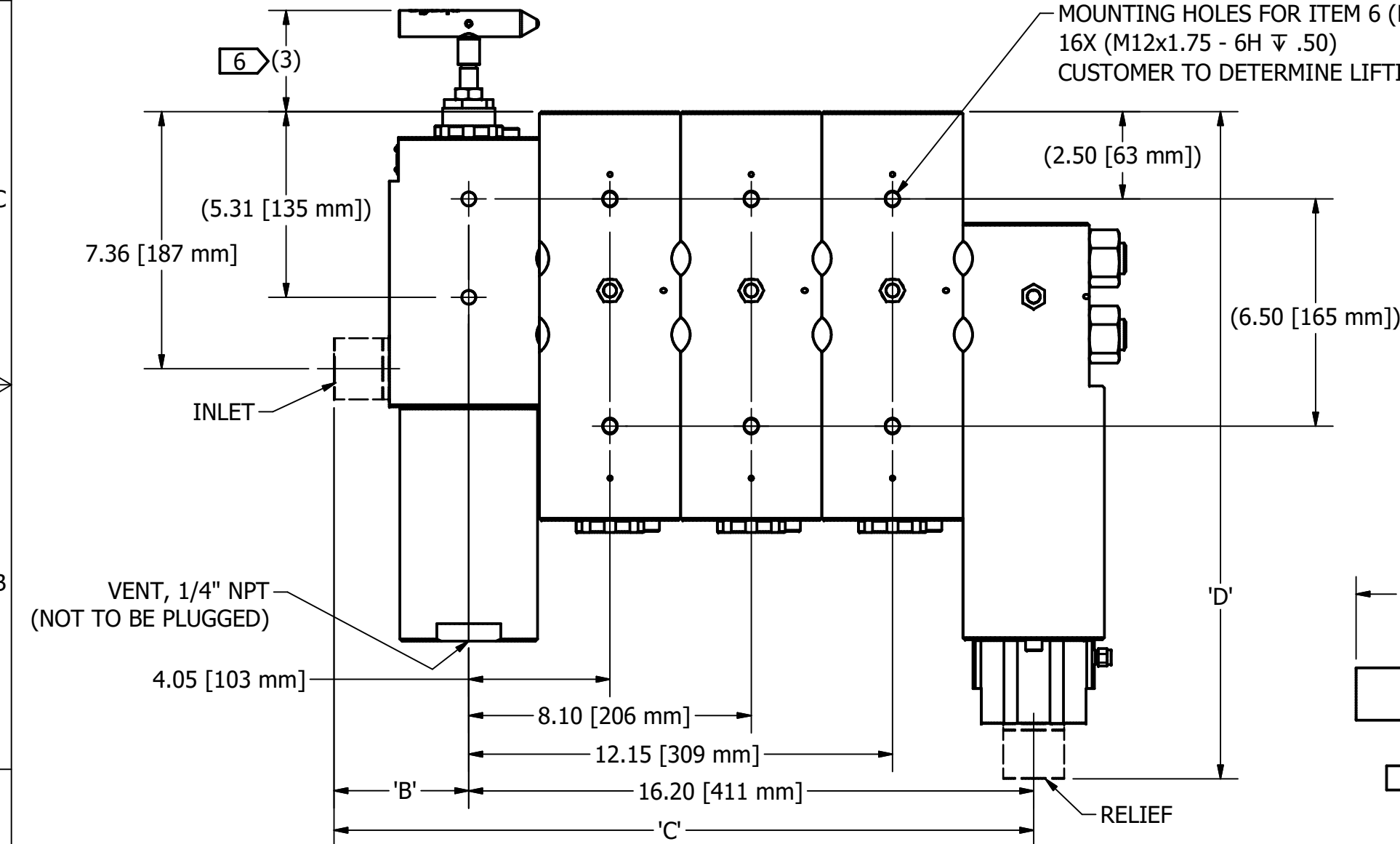
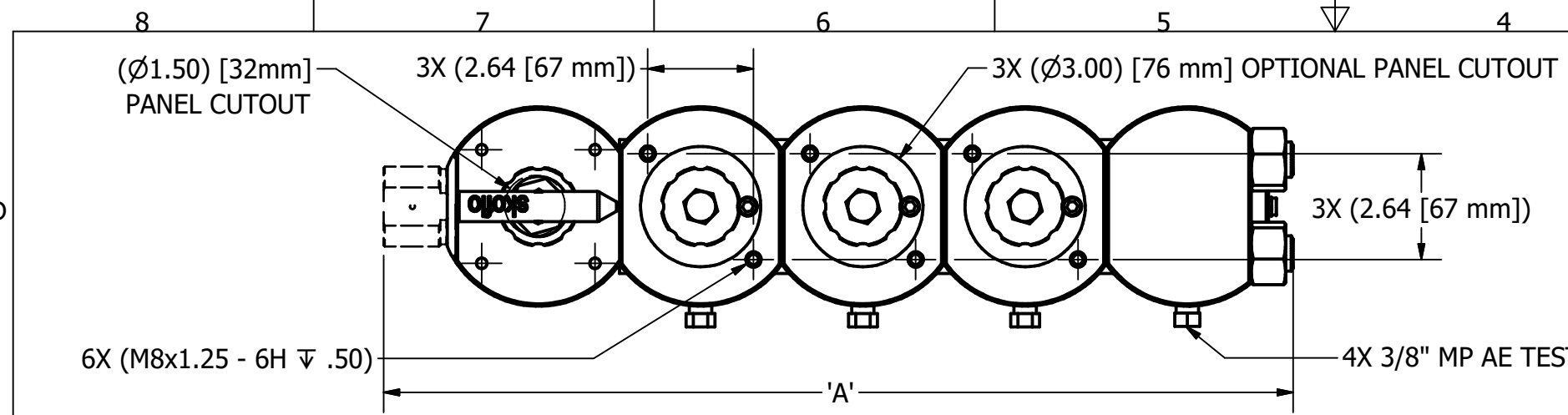


REVISION HISTORY

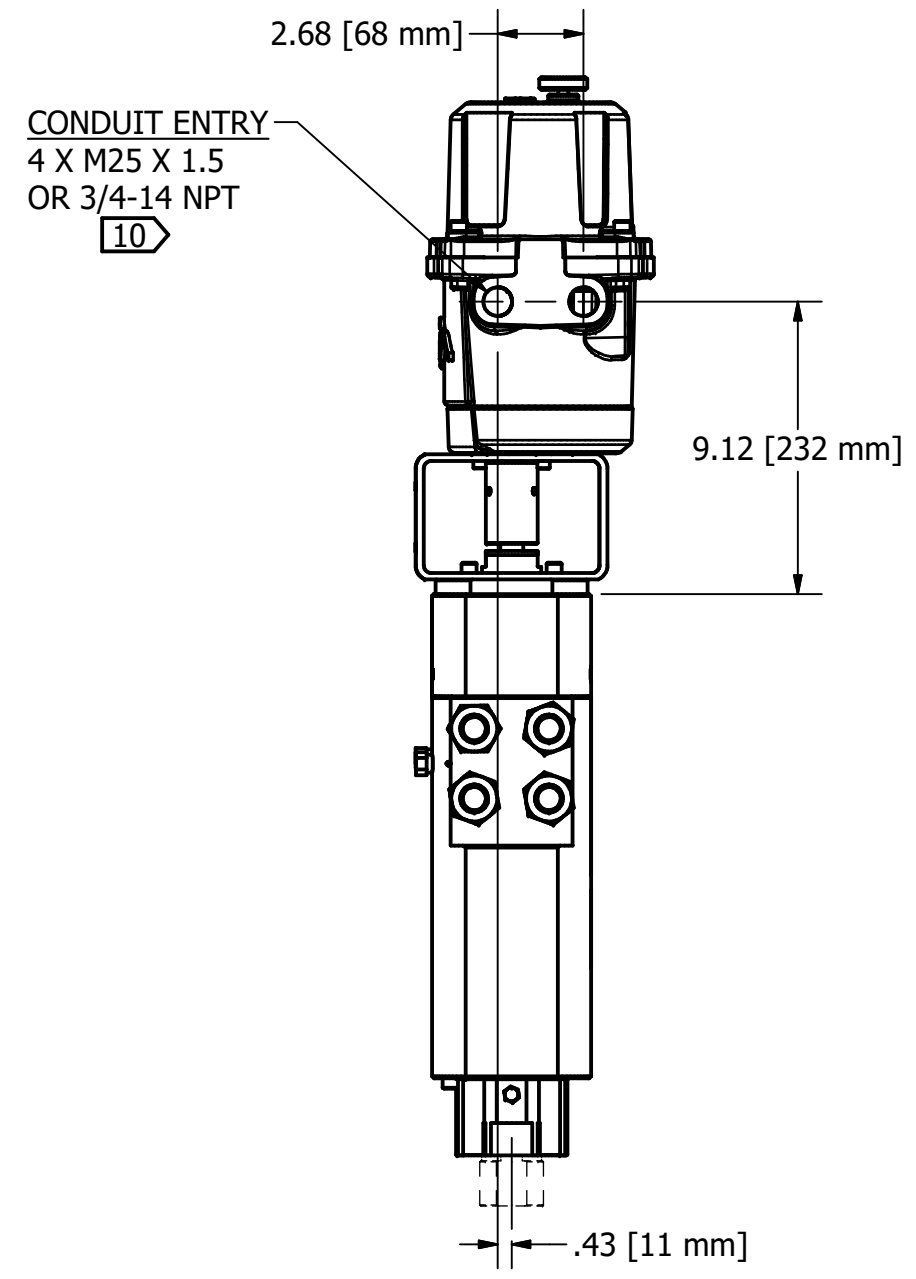
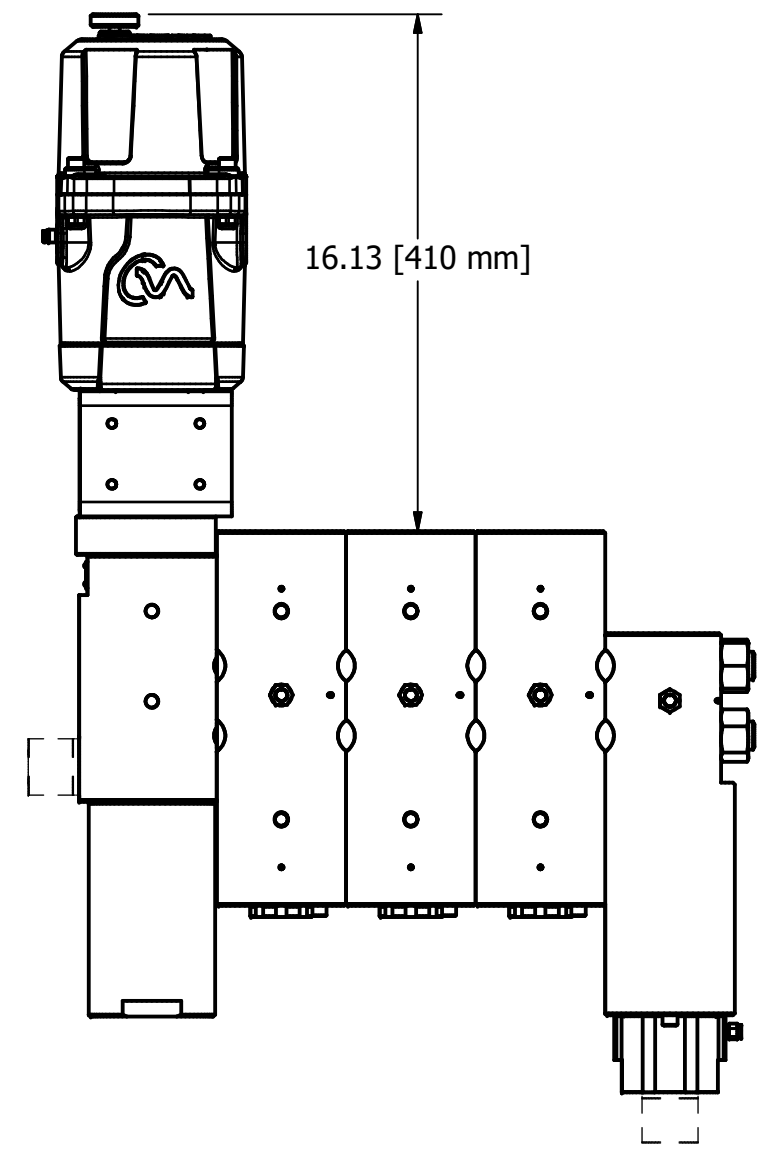
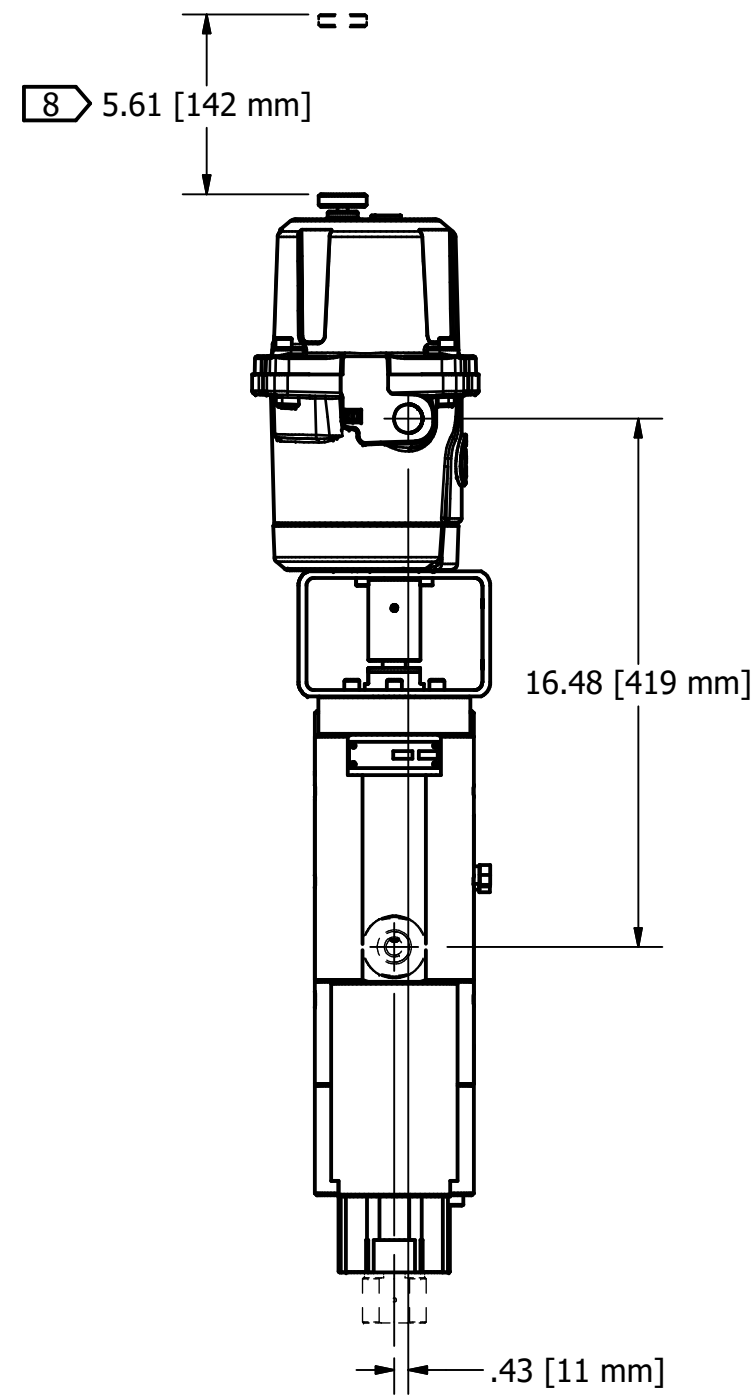
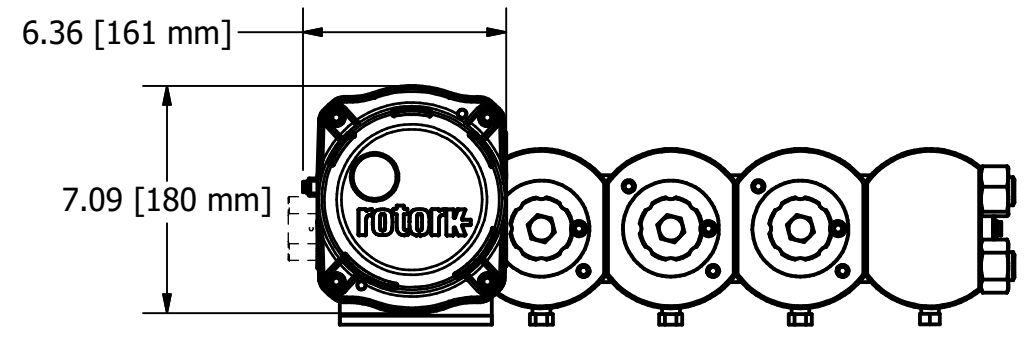
ECN #	REV	DESCRIPTION	DATE	DRAWN	ENG1	ENG2	OTHER
	A	INITIAL RELEASE	6/11/18	ENN	SS	JM	
2603	B	ADD 71004205 TO PARTS LIST	10/4/18	EF	JM	JCD	
2758	C	ADD FKO FITTING OPTION	7/30/19	CA	JM	NA	
2788	D	COMBINED GA AND BOM, ADDED SHT FOR ACTUATOR INFORMATION	9/3/19	PTS	JM	CA	
2860	E	ON SHT 4 SEPARATED AC VOLTAGES IN CONFIGURATIONS, ON SHT 5 ADDED ITEM 13 ACTUATOR FASTENERS	11/15/19	JC	CA	JM	
3295	F	SHT 4, TABLE 2: 31523 WAS 20531, 31524 WAS 26465, 31525 WAS 71005634, 31526 WAS 28424, 31527 WAS 71007323	10/21/21	EF	MGL	JM	




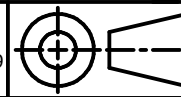
- NOTES:
- 1) RATED WORKING PRESSURE = 15000 PSI [1034 BAR]
  - 2) PROOF TEST PRESSURE = 18,500 PSI [1276 BAR]
  - 3) FLOW RATE RANGE: 0.5-15 GPM [2.3-68 LPM]
  - 4) BPR15000MFC-XXXX-XXXX-MA SHOWN
  - 5) MANUAL NOMINAL WEIGHT: 300 LB [136KG]
  - 6 VALVE IN CLOSED POSITION
  - 7 MALE FKO TUBE STUB, Ø3/4" X .134 WALL, SHIPPED UNCONNECTED FROM VALVE

HUB TYPE	'A' (in.) [mm]	'B' (in.) [mm]	'C' (in.) [mm]	'D' (in.) [mm]
75FK	25.38 [645]	6.54 [166]	22.61 [574]	21.73 [552]
75MP	23.00 [584]	3.76 [96]	19.96 [507]	19.00 [483]
MPIH	24.00 [610]	5.55 [141]	21.75 [552]	20.79 [528]
1GR5	22.60 [574]	3.76 [96]	19.96 [507]	19.00 [483]
1GR7	24.98 [635]	6.14 [156]	22.34 [567]	21.38 [543]
2GR16	23.88 [606]	5.04 [128]	21.24 [539]	20.27 [515]

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED		DRAWN E. NGUJEDE 6/4/2018	SKOFLO INDUSTRIES, INC. WOODINVILLE, WA
DRAWING PER ANSI Y14.5M-2009		ENG1 J. MOORE ENG2 S. SPAHI OTHER	
FRACTIONS ± 1/16 .X ± .03 .XX ± .010 .XXX ± .005 .XXXX ± .0005 ANGULAR ± 3°		THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO SKOFLO INDUSTRIES INC. THE INFORMATION CONTAINED HEREIN SHALL NOT BE DISCLOSED, DUPLICATED, USED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO EVALUATE THIS DOCUMENT	
UNLESS SPECIFIED DEBURR & BREAK EDGES: .015/.005 Ra SURF QUAL: 63 FILLETS: R.020/.008 DRILL POINT: 110-150°		VALVE ASSEMBLY, BPR15000MFC MANUAL ENVELOPE DRAWING DWG NO BPR15000MFC SCALE NONE SHEET 1 OF 5	



- NOTES CONTINUED:
- 8 COVER REMOVAL ALLOWANCE
  - 9) ACTUATED NOMINAL WEIGHT = 307 lbs. [139.3 KG]
  - 10 3/4"-14 NPT CONDUIT ENTRIES FOR FM CONFIGURATION (SEE SHEET 4), ALL OTHERS M20x1.5

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED		DRAWN E. NGUJEDE 6/4/2018	 SKOFLIO INDUSTRIES, INC. WOODINVILLE, WA
DRAWING PER ANSI Y14.5M-2009		ENG1 J. MOORE ENG2 S.SPAHI OTHER	
FRACTIONS ± 1/16 .X ± .03 .XX ± .010 .XXX ± .005 .XXXX ± .0005 ANGULAR ± 3°	UNLESS SPECIFIED DEBURR & BREAK EDGES: .015/.005 Ra SURF QUAL: 63 FILLETS: R.020/.008 DRILL POINT: 110-150°	THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO SKOFLIO INDUSTRIES INC. THE INFORMATION CONTAINED HEREIN SHALL NOT BE DISCLOSED, DUPLICATED, USED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO EVALUATE THIS DOCUMENT	
		DWG NO BPR15000MFC	REV F
		SIZE B	SCALE NONE
		SHEET 2 OF 5	

8 7 6 5 4 3 2

D

D

C

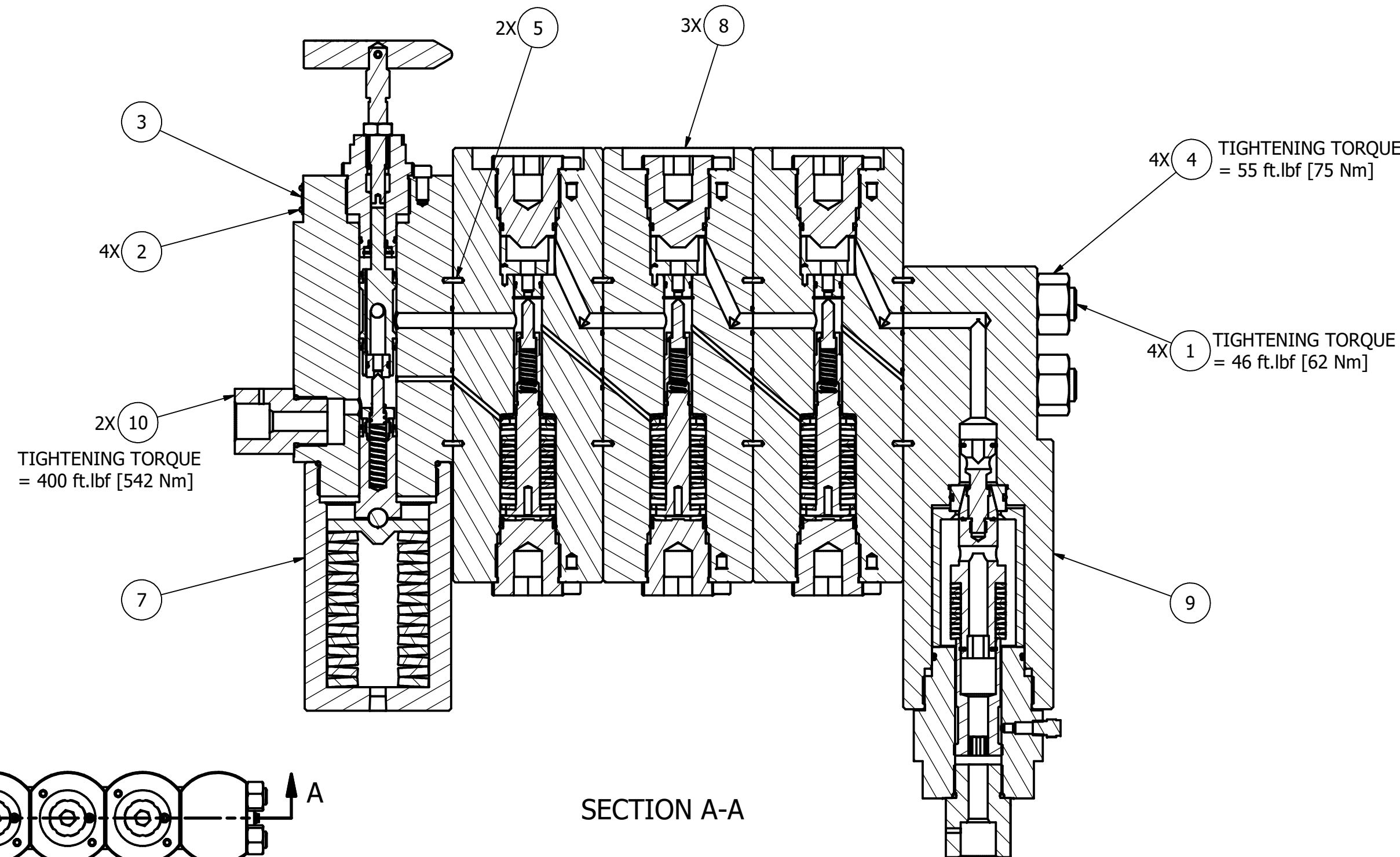
C

B

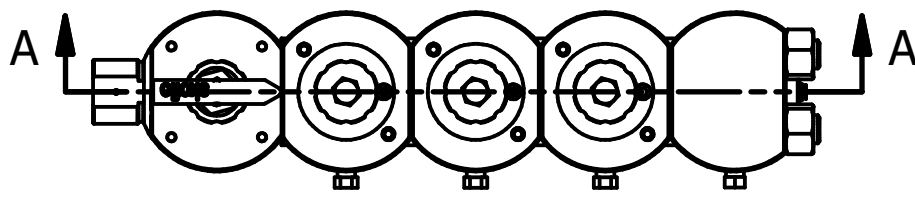
B

A

A


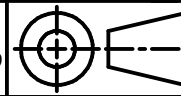


SECTION A-A



NOTES CONTINUED:

- 11 COAT ALL THREADS WITH DYNATEX ANTI-SEIZE AND LUBRICATING COMPOUND (OR SIMILAR) UNLESS OTHERWISE STATED
- 12) LUBRICATE ALL SEALS WITH PARKER SLUBE 884-X (OR SIMILAR)
- 13) SEE BPR MF-SK FOR SPARES KITS PARTS LISTS

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED		DRAWN E. NGUJEDE 6/4/2018	 SKOFLU INDUSTRIES, INC. WOODINVILLE, WA
DRAWING PER ANSI Y14.5M-2009	 UNLESS SPECIFIED DEBURR & BREAK EDGES: .015/.005 Ra SURF QUAL: 63 FILLET: R.020/.008 DRILL POINT: 110-150°	ENG1 J. MOORE ENG2 S. SPAHI OTHER	
FRACTIONS ± 1/16 .X ± .03 .XX ± .010 .XXX ± .005 .XXXX ± .0005 ANGULAR ± 3°	THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO SKOFLU INDUSTRIES INC. THE INFORMATION CONTAINED HEREIN SHALL NOT BE DISCLOSED, DUPLICATED, USED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO EVALUATE THIS DOCUMENT		DWG NO BPR15000MFC SIZE B SCALE NONE SHEET 3 OF 5

8 7 6 5 4 3 2 1

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	PRESSURE CONTAINING
1	4	20620	TIE ROD, BPR15000MFC	NITRONIC 50 HS	YES
2	4	71002116	U-DRIVE SCREW, RH, #2X1/4	302 SS	NO
3	1	71002143	NAMEPLATE, BPR15000/SF15000	316L SS	NO
4	4	71002789	NUT, HEX 7/8-9, XYLAN BLUE COAT	316 SS	YES
5	2	71003528	DWL, 1/8 X 3/8	316L SS	NO
6	2	71004205	EYEBOLT LIFTING , M12-1.75 X 21 mm THREAD LENGTH AND 30mm EYE	304 SS	NO
7	1	SEE TABLE 1	ASSY, BPR, MF, PRIMARY STAGE, EPDM	SEE DWG	YES
8	3	SEE TABLE 1	ASSY, BPR, MF, SECOND STAGE, EPDM	SEE DWG	YES
9	1	SEE TABLE 1	ASSY, BPR, MF, CHECK STAGE, EPDM	SEE DWG	YES
10	2	SEE TABLE 2	ADAPTER HUB	SEE TABLE 2	YES

**MANUAL CONFIGURATION NUMBER GUIDE**

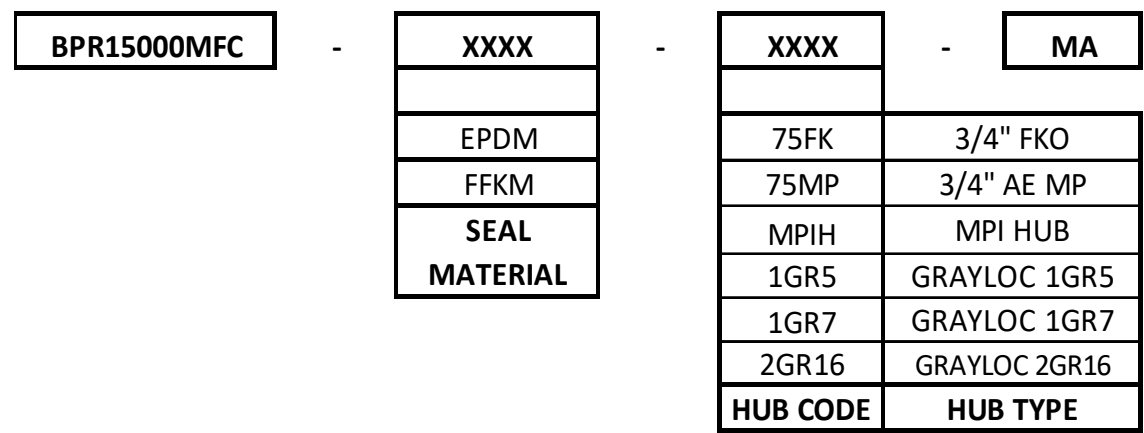
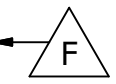


TABLE: 1 SEAL SELECTION

ITEM	EPDM	FFKM
7	20742-001	20742-002
8	20743-001	20743-002
9	29219-001	29219-002

TABLE 2: HUB SELECTION

ITEM	75FK	75MP	MPIH	1GR5	1GR7	2GR16
10	31046	31523	31524	31525	31526	31527
MATERIAL	SUPER DUPLEX 2507	NITRONIC 50 HS	NITRONIC 50 HS	NITRONIC 50 HS	SUPER DUPLEX 55	SUPER DUPLEX 55



ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED  DRAWING PER ANSI Y14.5M-2009  FRACTIONS ± 1/16 .X ± .03 .XX ± .010 .XXX ± .005 .XXXX ± .0005 ANGULAR ± 3°		UNLESS SPECIFIED DEBURR & BREAK EDGES: .015/.005 Ra SURF QUAL: 63 FILLETS: R.020/.008 DRILL POINT: 110-150°	DRAWN <b>E. NGUJEDE</b> 6/4/2018  ENG1 <b>J. MOORE</b>  ENG2 <b>S.SPAHI</b>  OTHER	SKOFLO INDUSTRIES, INC. WOODINVILLE, WA	VALVE ASSEMBLY, BPR15000MFC  <b>MANUAL BOM</b> DWG NO <b>BPR15000MFC</b>	SHEET 4 OF 5
THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO SKOFLO INDUSTRIES INC. THE INFORMATION CONTAINED HEREIN SHALL NOT BE DISCLOSED, DUPLICATED, USED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO EVALUATE THIS DOCUMENT			SIZE <b>B</b> SCALE <b>NONE</b>	REV <b>F</b>		

ACTUATED CONFIGURATION NUMBER GUIDE

BPR15000MFC

XXXX
EPDM
FFKM
SEAL MATERIAL

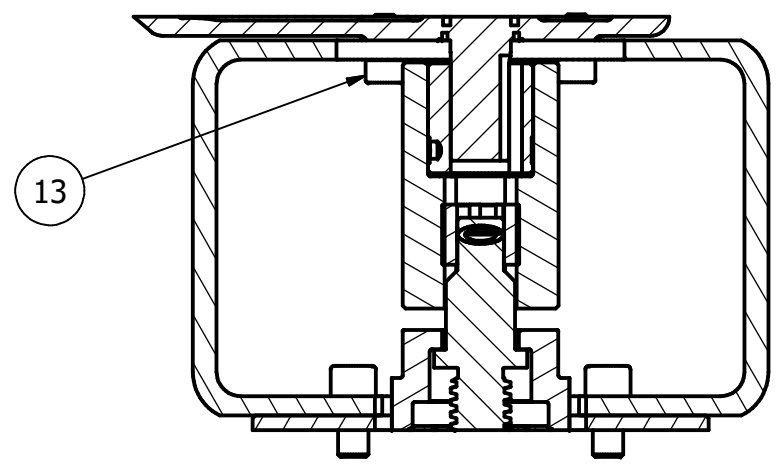
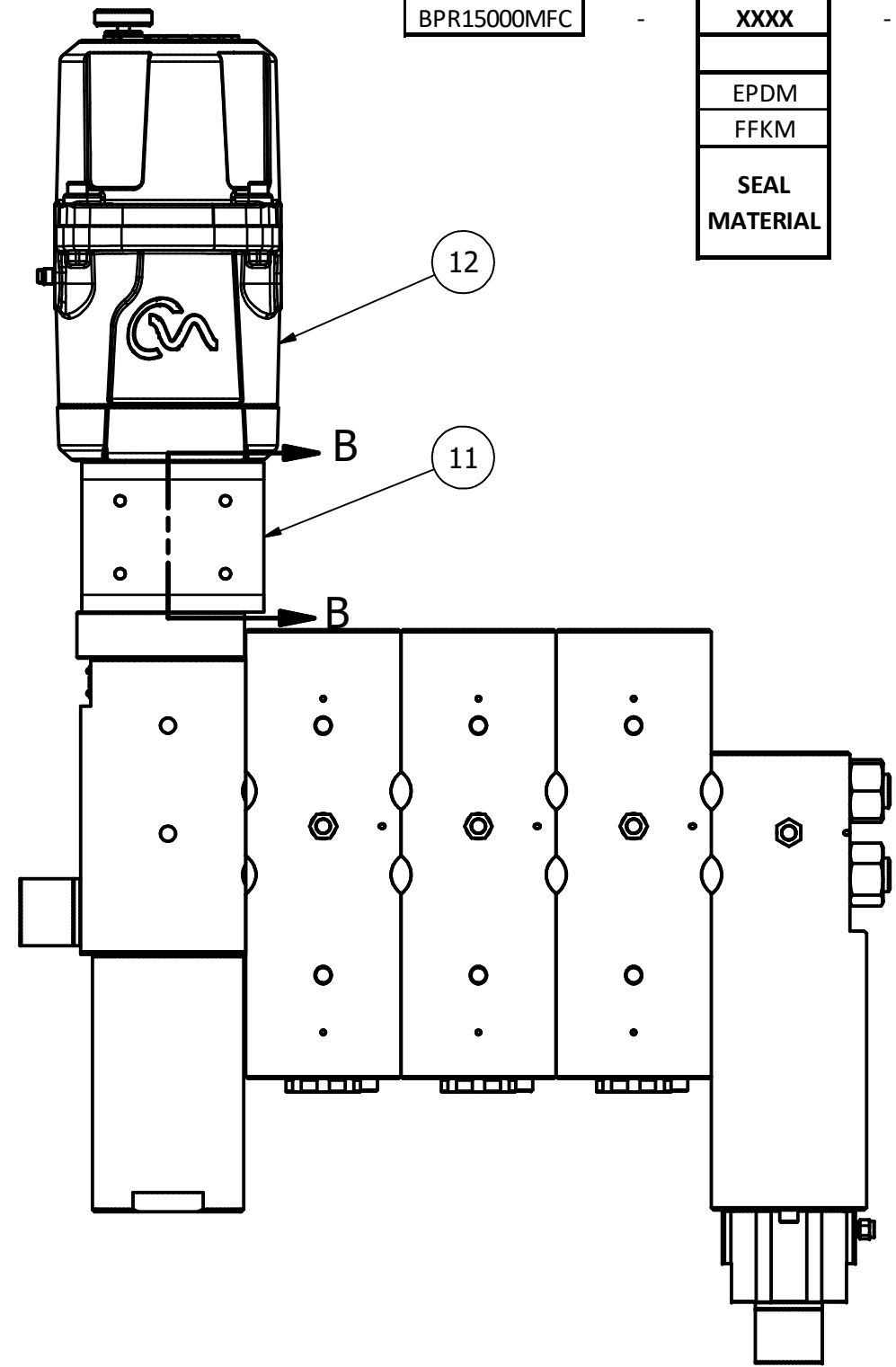
XXXX	
75FK	3/4" FKO
75MP	3/4" AE MP
MPIH	MPI HUB
1GR5	GRAYLOC 1GR5
1GR7	GRAYLOC 1GR7
2GR16	GRAYLOC 2GR16
HUB CODE	HUB TYPE

AT

XX	
120	120 VAC
208	208 VAC
230	230 VAC
DC	24 VDC
VOLTAGE CODE	VOLTAGE

X	
4	4-20ma
F	FIELD BUS
H	HART
PROTOCOL CODE	COM. PROTOCOL

XX	
AX	ATEX
EX	IECEX
NA	FM
GO	GOST
CODE	HAZLOC CERTIFICATION



SECTION B-B

TABLE: 3 SEAL SELECTION

ITEM	EPDM	FFKM
11	30932-001	30932-002

NOTES CONTINUED:  
14) ITEM 7 IS NOT REQUIRED FOR ACTUATED CONFIGURATION

PARTS LIST CONTINUED

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	PRESSURE CONTAINING
11	1	SEE TABLE 3	ASSY, BPR, MF, PRIMARY STAGE, ACTUATOR	SEE DWG 30932	YES
12	1	SEE DWG 71007126	ACTUATOR, ROTARY, CMR-200	SEE DWG 71007126	NO
13	4	71007246	SHCS, M6X1 X 12LG	316 SS	NO

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DRAWING PER ANSI Y14.5M-2009	ENG1 J. MOORE ENG2 S. SPAHI OTHER	
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VALVE ASSEMBLY, BPR15000MFC		ACTUATED BOM BPR15000MFC
SIZE B	SCALE NONE	SHEET 5 OF 5