

Engineering Master

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Fisher Controls Int. Inc.

Design E Bonnets, Stem Size 3/8, 1/2, 3/4, 1, 1 1/4 & 2

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CLASS	BOSS	STEM	BONNET	DESIGN	EM	NOTES
125-600	2 1/8	3/8	PLAIN & EXT STYLE 1, 2, 3	E SERIES	EX1	
			BELLOWS SEAL	E SERIES	EX1	
		1/2	ENVIRO-SEAL BELLOWS SEAL	E SERIES	EX1	
	2 13/16	1/2	PLAIN & EXT STYLE 1, 2, 3	E SERIES	EX2	
			BELLOWS SEAL	E SERIES	EX2	
			ENVIRO-SEAL BELLOWS SEAL	E SERIES	EX2	
			STYLE NS	E SERIES	EX16	
		1 IN	ENVIRO-SEAL BELLOWS SEAL	E SERIES	EX2	
	3 9/16	3/4	PLAIN & EXT STYLE 1, 2, 3	E SERIES	EX3	
			BELLOWS SEAL	E SERIES	EX3	
			STYLE NS	E SERIES	EX17	
	5 IN	1 IN	PLAIN & EXT STYLE 1, 2, 3	E SERIES	EX4	
			STYLE NS	E SERIES	EX18	
		1 1/4	PLAIN & EXT STYLE 1, 2, 3	E SERIES	EX5	
900	3 9/16	3/4	PLAIN	E & EW SERIES	EX3	
	5 IN	1 IN	PLAIN	E & EW SERIES	EX4	
			STYLE NS	EW	EX18	
		1 1/4	PLAIN	EL, EW, EW-1 & EWN-1	EX5	
			STYLE NS	EW	EX19	
1500	2 13/16	1/2	PLAIN	E & EH SERIES	EX2	
	3 9/16	3/4	PLAIN	E & EH SERIES	EX3	
	5 IN	1 IN	PLAIN	E & EH SERIES	EX4	
			STYLE NS	E SERIES	EX18	
		1 1/4	PLAIN	E & EH SERIES	EX5	
			STYLE NS	E SERIES	EX19	
	5H	1 1/4	PLAIN	E SERIES	EX5	
	7 IN	2 IN	PLAIN	E SERIES	EX15	
2285	7 IN	2 IN	PLAIN	EH SERIES	EX15	
2500	2 13/16	1/2	PLAIN	E, EH SERIES	EX2	
	3 9/16	3/4	PLAIN	E, EH SERIES	EX3	
	5 IN	1 IN	PLAIN	E, EH SERIES	EX4	
		1 1/4	PLAIN	E, EH SERIES	EX5	
	5H	1 1/4	PLAIN	E SERIES	EX5	
	7 IN	2 IN	PLAIN	E SERIES	EX15	

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VALVE BODY AND BONNET SIZE RELATIONSHIP

DESIGN SERIES	VALVE SIZE	BONNET SIZE
E (ED, ES, ET)	1/2 THRU 1	1
	1 1/2	1 1/2
	2	2
	2 1/2	2 1/2
	3	3
	4	4
	6	6
	8	8
	10	10
	10X8	8
	12	12
	16	16
EA	1	1
	2	1 1/2
	3	2 1/2
	4	3
	6	4
EF	1/2 THRU 1	1
	1 1/2	1 1/2
	2	2
	2 1/2 3	2 1/2 3
	5 4	4
	6	6
	8	8
ЕН	1	1
LII	1 1/2X1	1
	2	2
	2X1	1
	3	
	3X2	3 2 4
	4	
	4X3	3
	6	6
	6X4	4
	8	8
	8X6	6
	10	8
	12	12
EXIA	14	12
EHA	1	1
	2 3	1
	3	2 3
	4	3 4
	6	
DI	8	6
EL	12	12
	16	16

DESIGN SERIES	VALVE SIZE	BONNET SIZE
EW	4X2	2
LW	6X4	4
	6X4X2 1/2	4
	8X4	4
	8X6	6
	10X8	8
	12X6	6
	12X8	8
EWB	4X2	2
LWB	6X4	4
EWN	8X6	6
2,,,1,	12X8	8
	16X12	12
EWJ	6X4	4
	8X4	4
	8X6	6
	12X6	6
YD AND YS	1/2 THRU 1 1/2	1
	2	2
	2 1/2	2 2 3
	3	3
	4	4
	6	6

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FIND NO	PART NAME	FIND NO	PART NAME
1	BONNET	27	PIPE NIPPLE
2	BAFFLE OR BUSHING	28	NAMEPLATE, WARNING
3	PACKING FLANGE	29	DRIVE SCREW
4	STUD	30	LOWER WIPER
5	NUT	31	MALE ADAPTOR
6	PACKING SET	32	FEMALE ADAPTOR
7	PACKING RING	33	PACKING BOX WASHER
8	SPRING OR SPACER OR LANTERN RING	34	LUBRICANT
9	PACKING RING	35	RETAINING RING
10	WASHER, SPECIAL	36	PIN
11	PACKING BOX RING OR BNT BUSHING	37	TAG, WARNING
12	WIPER	38	TIE, CABLE
13	FOLLOWER OR BUSHING/LINER ASSEMBLY	39	THRUST RING
13A	LINER	200	STUD
13A 13B	THRUST RING	201	FLANGE
13 D	BUSHING	202	SPRING
14	PIPE PLUG	202	PACKING FOLLOWER
14	LUBRICATOR	203	SCREW
14 14A	GREASE CHAMBER	204	LOAD SCALE
14A 14B	FEEDER SCREW	206	INDICATOR DISC
14C	LUBRICATOR BODY	207	BUSHING
14D	SPRING	208	BUSHING PACKING PING
14E	PLUG	209	PACKING RING
14F	BALL	210	PACKING RING
14	LUBRICATOR ISOLATING VALVE	211	PACKING BOX RING
14G	PACKING	212	NUT
14H	VALVE BODY	213	LUBRICANT
14J	STUFFING BOX	214	PACKING WASHER
14K	RETAINER	215	PACKING SET
14L	PACKING	216	LANTERN RING
14M	WASHER	217	SPRING PACK ASSY
14N	STEM & PLUG	218	LOWER WIPER
14P	CAP SCREW	219	WASHER
14Q	LOCK WASHER		
14R	NUT		
14S	HANDWHEEL		
15	YOKE LOCKNUT		
16	PIPE PLUG		
17	ADAPTOR		
18	ANTI-ROTATOR		
19	TRAVEL STOP		
20	BELLOWS SEAL OR STEM/BELLOWS ASSEMBLY		
20A	BELLOWS		
20B	GUIDE		
20C	FLANGE		
20D	TUBING		
20E	TUBE CONNECTOR		
21	GASKET, ANTI-ROTATOR		
22	GASKET		
23	CAP SCREW, BONNET		
24	CONNECTION STUD OR ADAPTOR		
25	CAP SCREW OR STUD BOLT		
26	HEX NUT		

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Revision Change Record

The date recorded on this document reflects the effective date of this revision.

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Remove types EB spec B, C, D, F, these types were obsolete according to ECRN 20050828.