

Control Valve

NPT

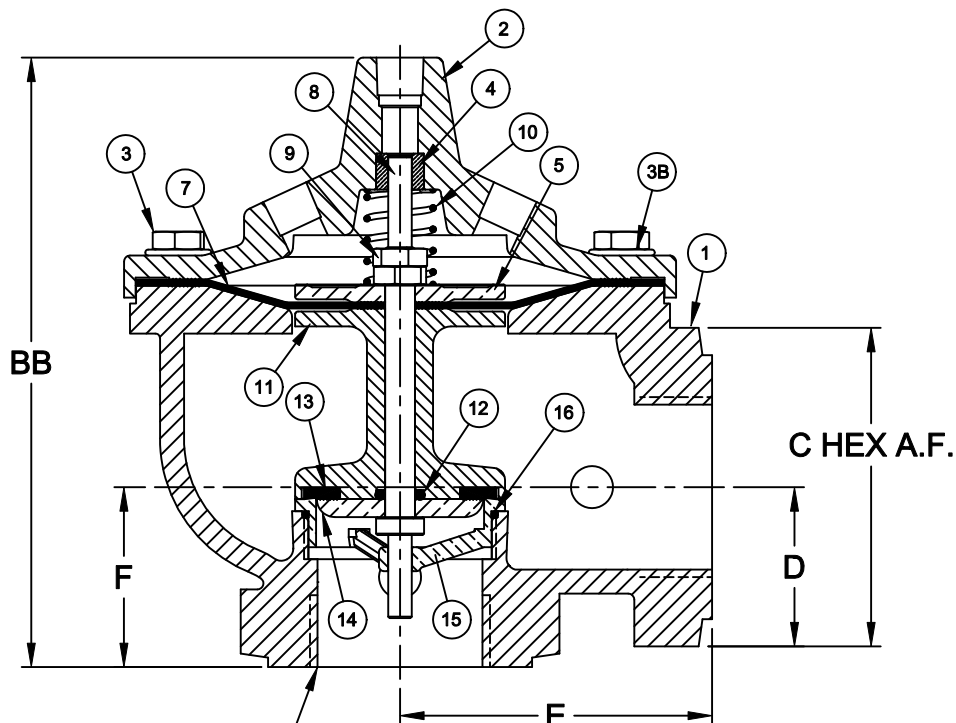
Model CA



Sizes 1-1/4" & 1-1/2" / 32 mm & 40 mm

Flomatic Corporation

Materials (Angled Body)



NPT IS SAME AS VALVE SIZE TYP

Max Temp 180°F (82°C)
Max Pressure 400psi (28bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	304
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	304	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	304	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	-----
4	1	Cover Bushing*	Bronze*	B140	13	1	Spool Seal (Seat Seal)**	Buna-n**	-----
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	14	1	Seat Plate*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	-----	15	1	Seat Ring*	Unleaded Bronze*	C89833
8	1	Stem	Stainless Steel	304	16	1	Seat O'Ring**	Buna-n**	-----

Dimensions

*OPTIONAL 316 STAINLESS STEEL AVAILABLE

**OPTIONAL VITON AVAILABLE

Size		Part #	BB		C		D		E		F		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
1-1/4	32	8475102	6-11/32	161	2-7/8	73	1-7/16	37	3-1/4	83	1-3/16	30	13	6
1-1/2	40	8475103	6-11/32	161	2-7/8	73	1-7/16	37	3-1/4	83	1-3/16	30	13	6

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October 20, 2005
Dwg No:S1_5AFP_NPT Rev D (1/16)

FLOMATIC CORPORATION
GLENS FALLS, N.Y. 12801
PHONE (518) 761-9797
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Control Valve

NPT

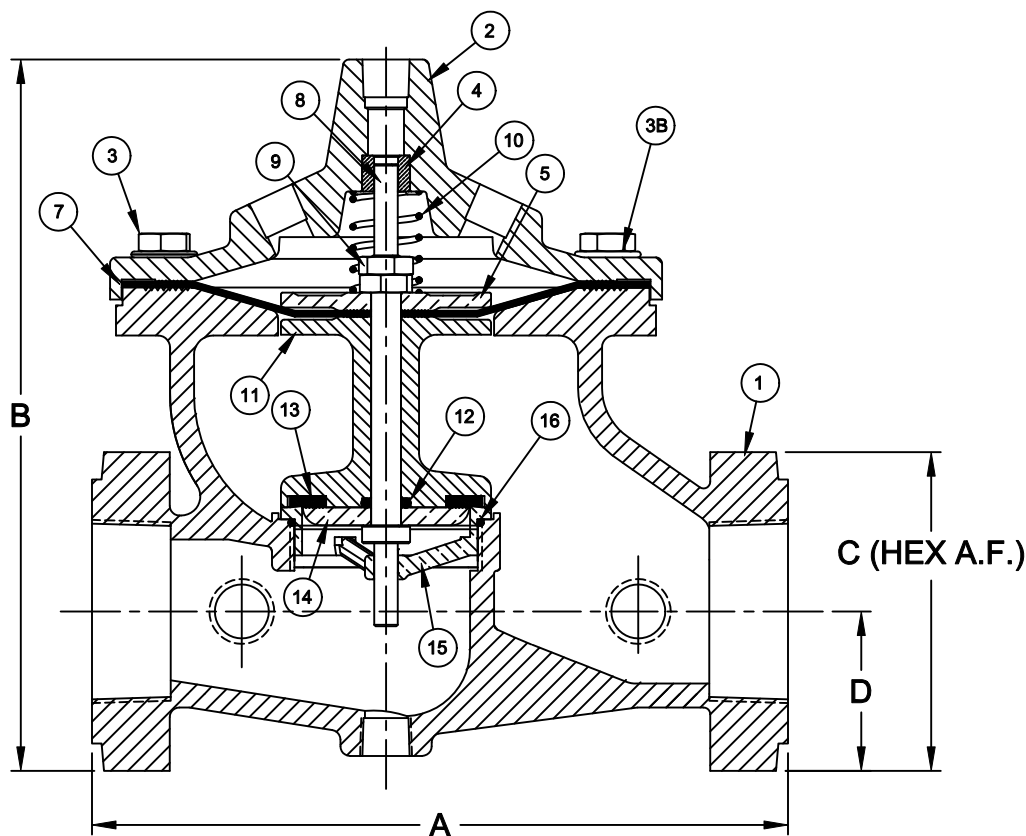
Model C

FLOMATIC®

Sizes 1-1/4" & 1-1/2" / 32mm & 40 mm

Flomatic Corporation

Materials (Globe Style)



Max Temp 180°F (82°C)
Max Pressure 175psi (12bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	304
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	304	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	304	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	-----
4	1	Cover Bushing*	Bronze*	B140	13	1	Spool Seal (Seat Seal)**	Buna-n**	-----
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	14	1	Seat Plate*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	-----	15	1	Seat Ring*	Unleaded Bronze*	C89833
8	1	Stem	Stainless Steel	304	16	1	Seat O'Ring**	Buna-n**	-----

Dimensions

*OPTIONAL 316 STAINLESS STEEL AVAILABLE
**OPTIONAL VITON AVAILABLE

Size		Part #	A		B		C		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
1-1/4	32	8471602	7-1/4	184	7-13/32	188	2-7/8	73	1-21/32	42	16	7
1-1/2	40	8471603	7-1/4	184	7-13/32	188	2-7/8	73	1-21/32	42	16	7

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FLOMATIC® VALVES

June 4, 2008
Dwg No:S1_5NPT Rev C (1/16)

FLOMATIC CORPORATION
GLENS FALLS, N.Y. 12801
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Control Valve

Grooved

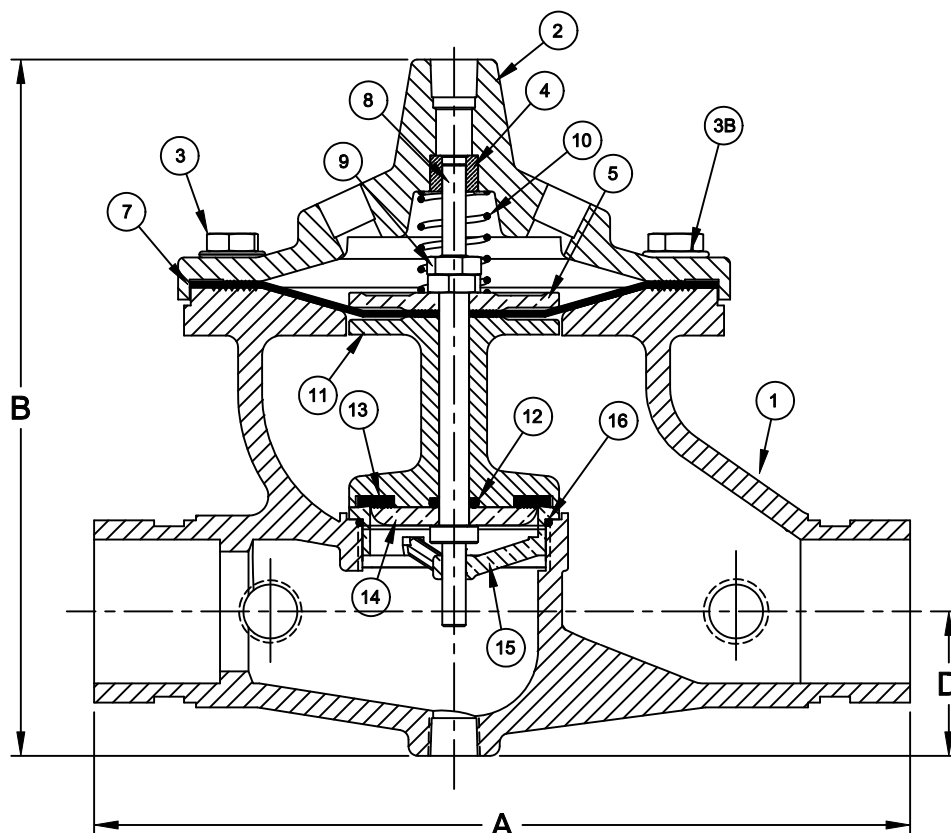
Model C



Flomatic Corporation

Sizes 1-1/4" & 1-1/2" / 32mm & 40 mm

Materials (Globe Style)



Max Temp 180°F (82°C)
Max Pressure 250psi (18bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	304
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	304	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	304	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	-----
4	1	Cover Bushing*	Bronze*	B140	13	1	Spool Seal (Seat Seal)**	Buna-n**	-----
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	14	1	Seat Plate*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	-----	15	1	Seat Ring*	Unleaded Bronze*	C89833
8	1	Stem	Stainless Steel	304	16	1	Seat O'Ring**	Buna-n**	-----

Dimensions

*OPTIONAL 316 STAINLESS STEEL AVAILABLE
**OPTIONAL VITON AVAILABLE

Size		Part #	A		B		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	lbs	kg
1-1/4	32	8472002	8-1/2	216	7-1/4	184	1-1/2	31	13	6
1-1/2	40	8472003	8-1/2	216	7-1/4	184	1-1/2	31	13	6

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June 4, 2008
Dwg No:S1_5GROOVE Rev C (1/16)

FLOMATIC CORPORATION
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PHONE (518) 761-9797
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Control Valve

150# Flange

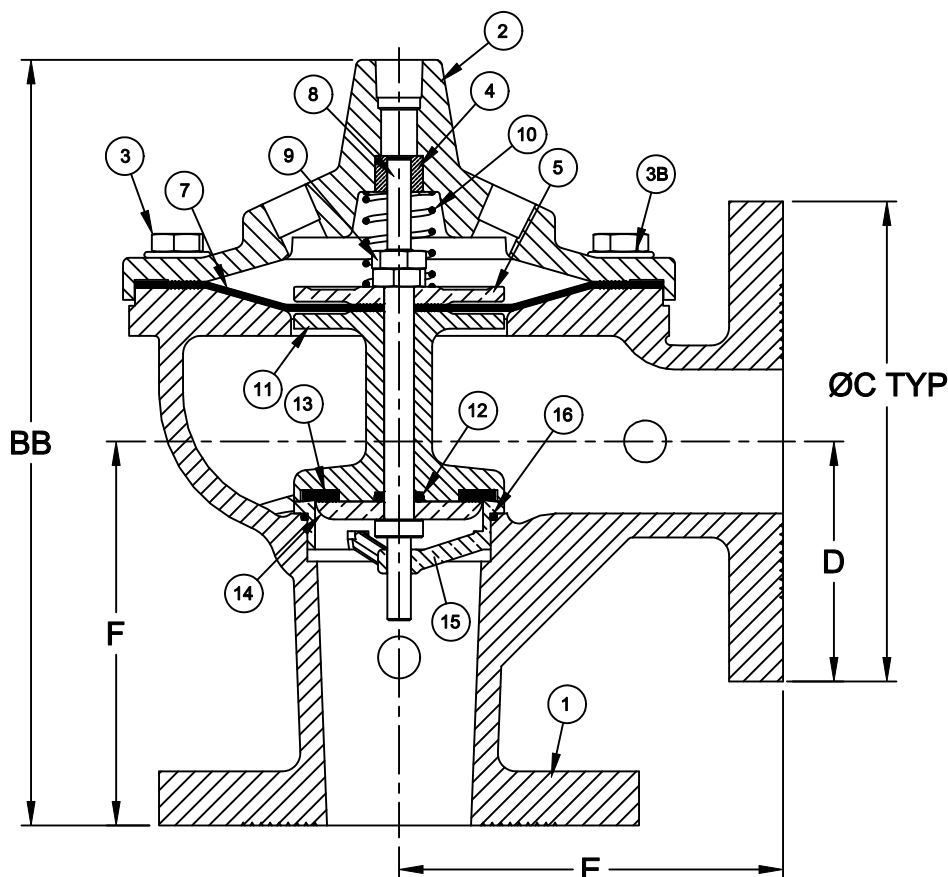
Model CA



Flomatic Corporation

Sizes 1-1/4" & 1-1/2" / 32mm & 40mm

Materials (Angled Body)



Max Temp 180°F (82°C)
Max Pressure 250psi (18bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	304
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	304	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	304	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	-----
4	1	Cover Bushing*	Bronze*	B140	13	1	Spool Seal (Seat Seal)**	Buna-n**	-----
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	14	1	Seat Plate*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	-----	15	1	Seat Ring*	Unleaded Bronze*	C89833
8	1	Stem	Stainless Steel	304	16	1	Seat O'Ring**	Buna-n**	-----

Dimensions

*OPTIONAL 316 STAINLESS STEEL AVAILABLE
**OPTIONAL VITON AVAILABLE

Size		Part #	BB		C		D		E		F		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
1-1/4	32	8475202	7-15/16	202	4-5/8	116	2-5/16	59	3-15/16	99	3-15/16	99	15.5	7
1-1/2	40	8475203	8	203	5	127	2-1/2	64	4	102	4	102	16	7

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May 4, 2005
Dwg No:S1_5AFP Rev E (1/16)

FLOMATIC CORPORATION
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Control Valve

150# Flange

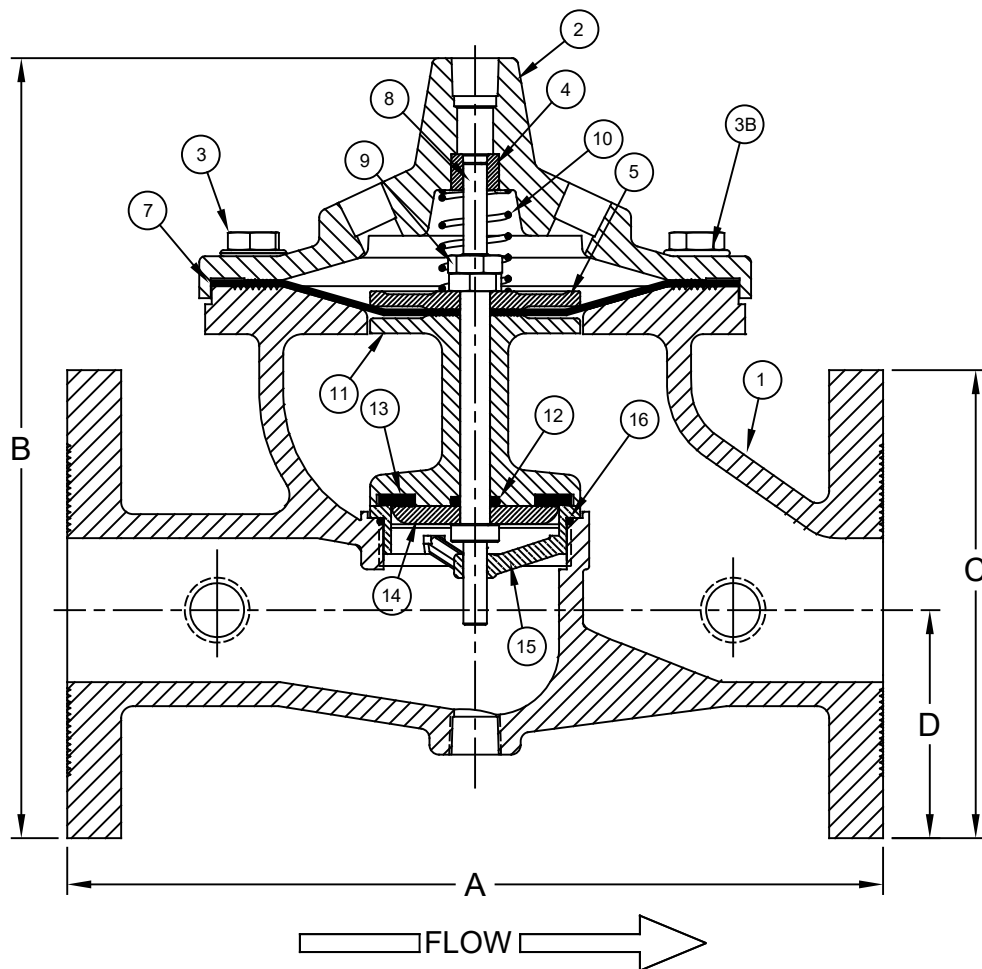
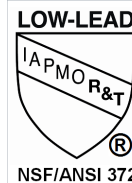
Model C



Flomatic Corporation

Sizes 1-1/4" & 1-1/2" / 32 mm & 40 mm

Materials (Globe Style)



Max Temp 180°F (82°C)
Max Pressure 250psi (18bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body w/Tag & Plug	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	304
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	304	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	304	12	1	Spool O'Ring (Stem O'Ring)**	Buna**	-----
4	1	Cover Bushing*	Bronze*	B140	13	1	Spool Seal (Seat Seal)**	Buna**	-----
5	1	Diaphragm Plate*	Stainless Steel*	316	14	1	Seat Plate*	Bronze*	B140
6	1	Diaphragm**	Nitrile/Nylon**	-----	15	1	Seat Ring*	Bronze*	B140
8	1	Stem	Stainless Steel	304	16	1	Seat O'Ring**	Buna**	-----

Dimensions (150# ANSI B16.42 Flanges)

*OPTIONAL 316 STAINLESS STEEL AVAILABLE
**OPTIONAL EPDM OR VITON AVAILABLE

Size		Part #	A		B		C		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
1-1/4	32	8471702	8-3/8	213	7-7/8	200	4-7/16	113	2-1/8	54	14	6
1-1/2	40	8471703	8-1/2	216	8-1/8	206	4-7/8	124	2-3/8	60	18	8

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June 4, 2008
Dwg No:S1_5_125# Rev E (8/22)

FLOMATIC CORPORATION
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Control Valve

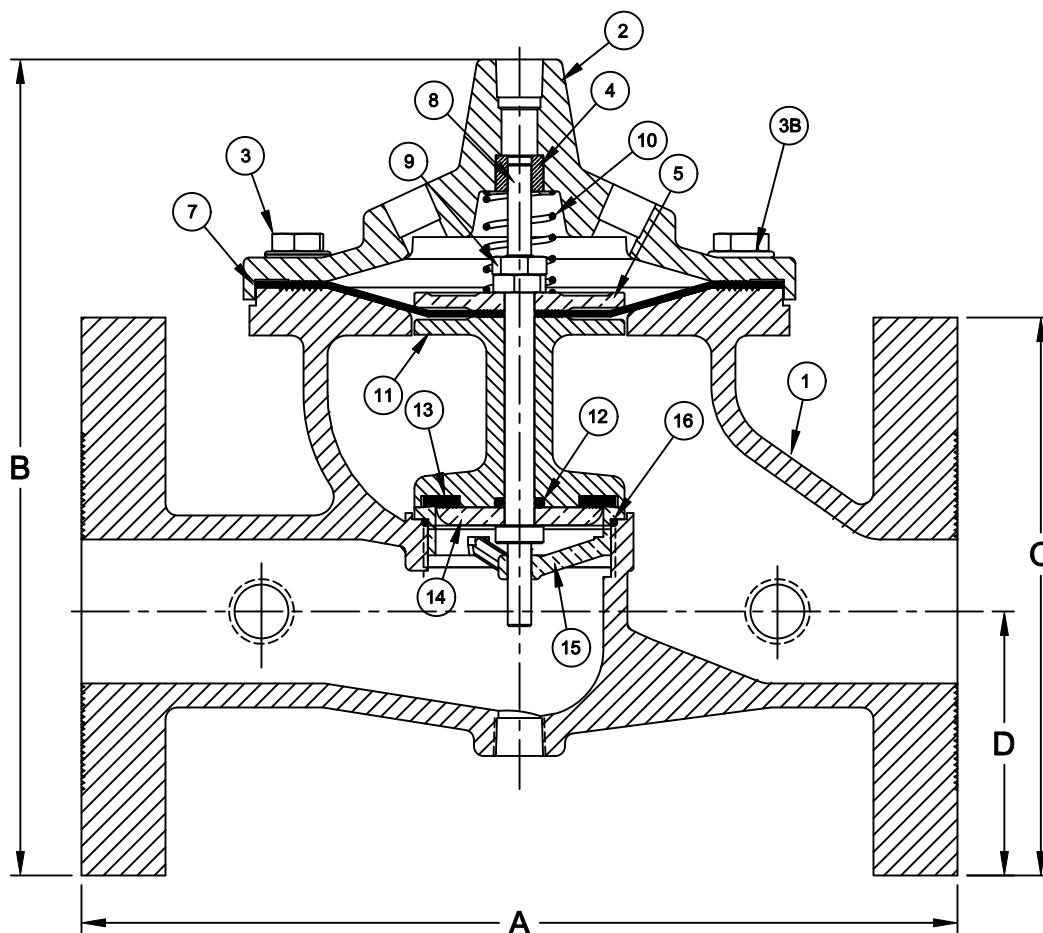
300# Flange

Model C **FLOMATIC**

Sizes 1-1/2" / 40 mm

Flomatic Corporation

Materials (Globe Style)



Max Temp 180°F (82°C)
Max Pressure 400psi (28bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	304
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	304	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	304	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	——
4	1	Cover Bushing*	Bronze*	B140	13	1	Spool Seal (Seat Seal)**	Buna-n**	——
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	14	1	Seat Plate*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	——	15	1	Seat Ring*	Unleaded Bronze*	C89833
8	1	Stem	Stainless Steel	304	16	1	Seat O'Ring**	Buna-n**	——

Dimensions

*OPTIONAL 316 STAINLESS STEEL AVAILABLE
**OPTIONAL VITON AVAILABLE

Size		Part #	A		B		C		D		Weight	
Inch	mm		Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs	kg
1-1/2	40	8471803	9-1/8	232	8-1/2	216	5-13/16	148	2-3/4	70	19	9

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Control Valve

NPT

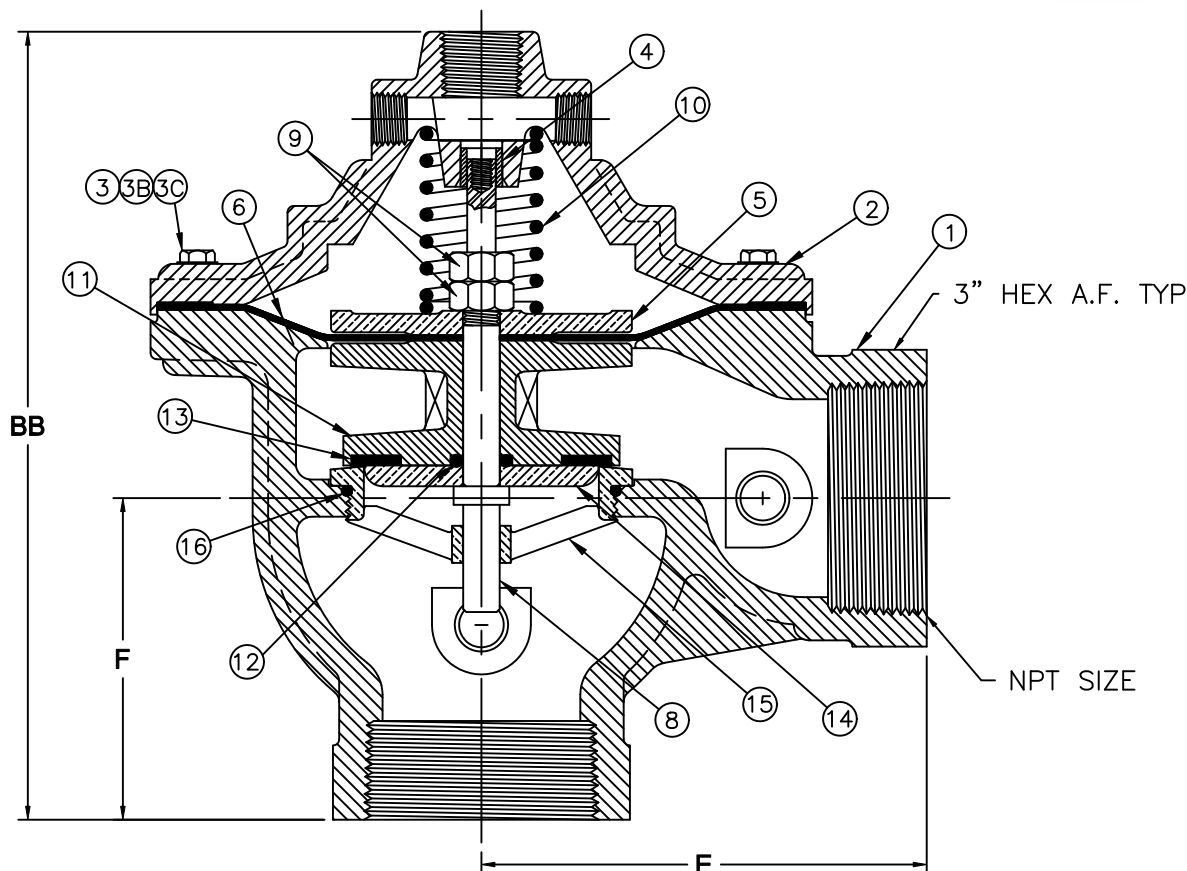
Model CA

FLOMATIC®

Flomatic Corporation

Sizes 2" / 50 mm

Materials (Angled Body)



Max Temp 180°F (82°C)
Max Pressure 400psi (28bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	18-8
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	18-8	11	1	Spool*	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	18-8	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	-----
3C	8	Cover Nut	Stainless Steel	18-8	13	1	Spool Seal (Seat Seal)**	Buna-n**	-----
4	1	Cover Bushing*	Bronze*	B140-83	14	1	Seat Plate*	Unleaded Bronze*	C89833
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	15	1	Seat Ring*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	-----	16	1	Seat O'Ring**	Buna-n**	-----
8	1	Stem	Stainless Steel	304					

Dimensions

*OPTIONAL 316 STAINLESS STEEL AVAILABLE
**OPTIONAL VITON AVAILABLE

Size		Part #	BB		E		F		NPT	Weight	
Inch	mm		Inch	mm	Inch	mm	Inch	mm		lbs	kg
2	50	8475104	7-31/32	202	4-3/4	121	3-1/4	83	2	17	8

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FLOMATIC® VALVES

June 18, 2003
Dwg No: S2ANPTFP Rev E (12/15)

FLOMATIC CORPORATION
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Control Valve

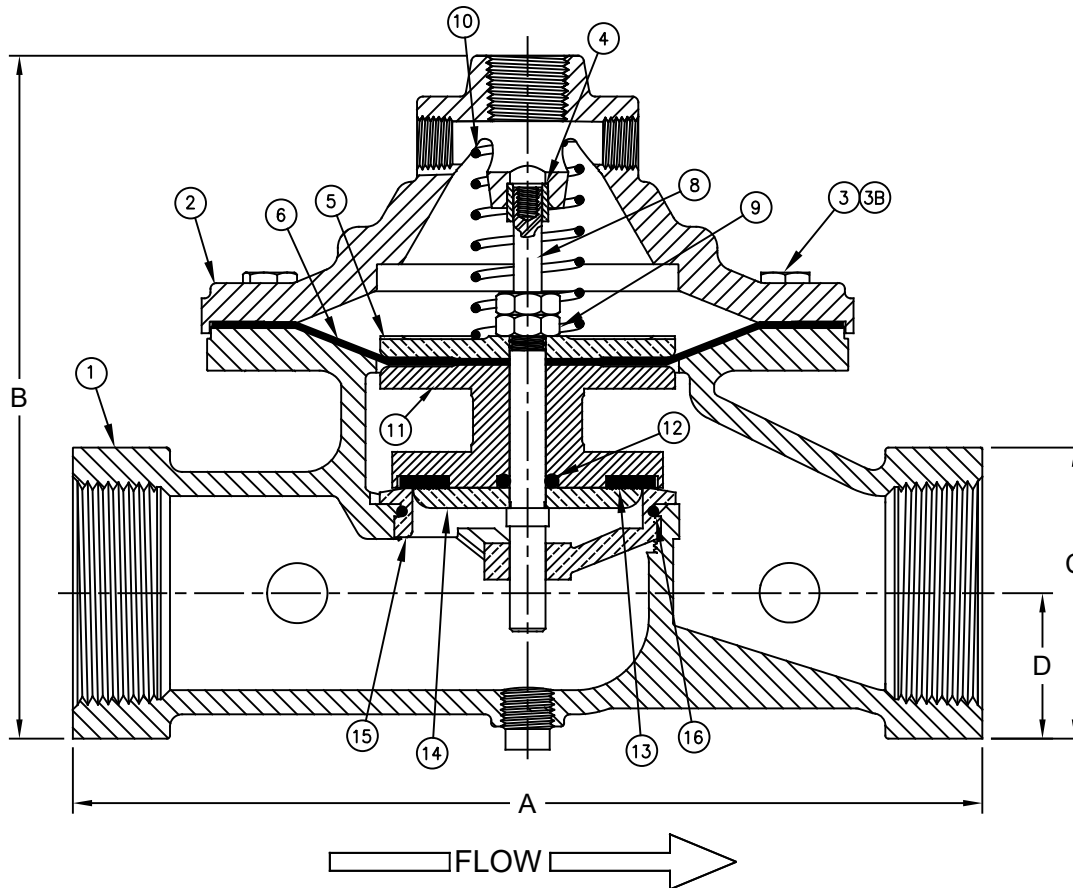
NPT

Model C **FLOMATIC®**

Sizes 2" / 50 mm
AIS

Flomatic Corporation

Materials (Globe Style)



Max Temp 180°F (82°C)
Max Pressure 400psi (28bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	18-8
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	18-8	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	18-8	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	-----
4	1	Cover Bushing*	Bronze*	B140-83	13	1	Spool Seal (Seat Seal)**	Buna-n**	-----
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	14	1	Seat Plate*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	-----	15	1	Seat Ring*	Unleaded Bronze*	C89833
8	1	Stem	Stainless Steel	304	16	1	Seat O'Ring**	Buna-n**	-----

*OPTIONAL 316 STAINLESS STEEL AVAILABLE (VOIDS AIS)

**OPTIONAL EPDM OR VITON AVAILABLE

Dimensions (FNPT X FNPT)

ANSI B1.20.1

Size		Part #	A		B		C (A.F.)		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
2	50	8471604	9-3/8	238	7-3/64	179	3	76	1-1/2	38	15	6.8

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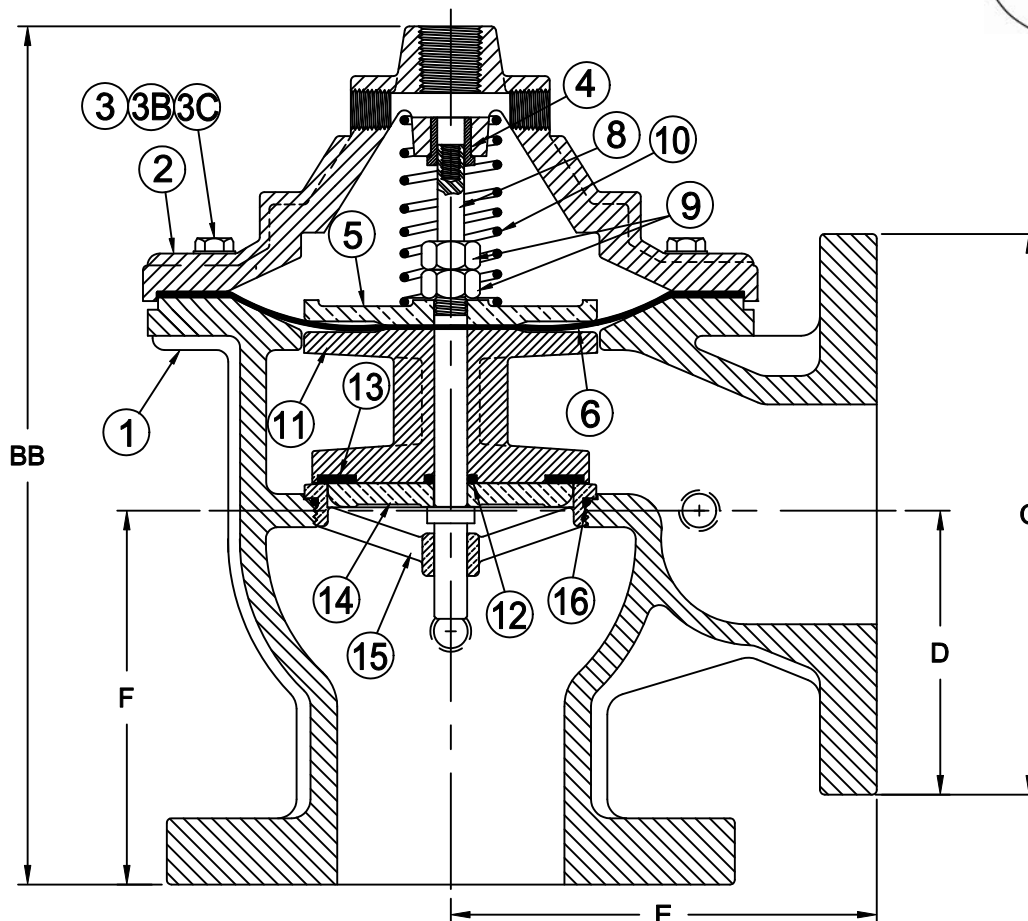
FLOMATIC® VALVES

June 18, 2003
Dwg No:S2NPT Rev H (2/23)

FLOMATIC CORPORATION
GLENS FALLS, N.Y. 12801
PHONE (518) 761-9797
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Control Valve**150# Flange****Model CA****FLOMATIC®**

Sizes 2" / 50 mm

Flomatic Corporation**Materials (Angled Body)**Max Temp 180°F (82°C)
Max Pressure 250psi (18bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	18-8
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	18-8	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	18-8	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	———
3C	8	Cover Nut	Stainless Steel	18-8	13	1	Spool Seal (Seat Seal)**	Buna-n**	———
4	1	Cover Bushing*	Bronze*	B140-83	14	1	Seat Plate*	Unleaded Bronze*	C89833
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	15	1	Seat Ring*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	———	16	1	Seat O'Ring**	Buna-n**	———
8	1	Stem	Stainless Steel	304	*OPTIONAL 316 STAINLESS STEEL AVAILABLE				
					**OPTIONAL VITON AVAILABLE				

Dimensions

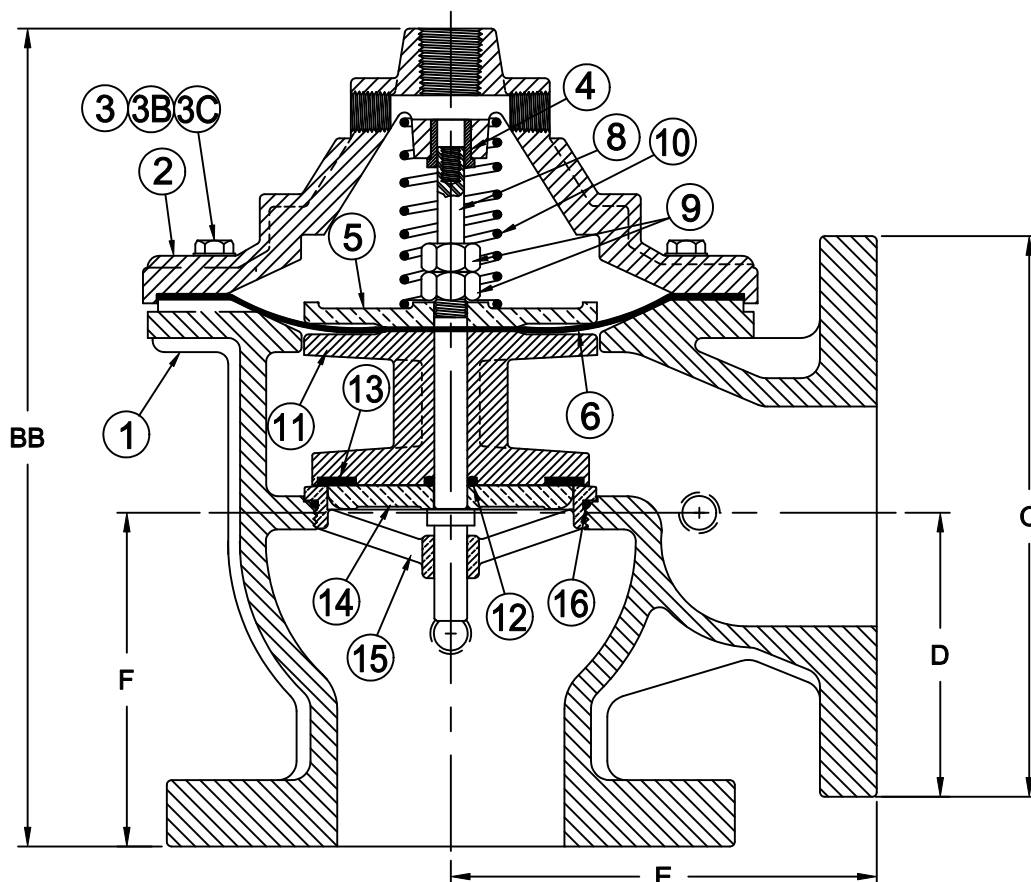
Size		Part #	BB		C		D		E		F		Weight	
Inch	mm		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs	kg
2	50	8475204	7-31/32	202	6	152	3	80	4-3/4	121	3-1/4	83	24	11

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FLOMATIC® VALVESJune 18, 2003
Dwg No: S2AFP Rev E (12/15)FLOMATIC CORPORATION
GLENS FALLS, N.Y. 12801
PHONE (518) 761-9797
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Control Valve**300# Flange****Model CA****FLOMATIC®****Flomatic Corporation**

Sizes 2" / 50 mm

Materials (Angled Body)

Max Temp 180°F (82°C)
Max Pressure 400psi (28bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	18-8
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	18-8	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	18-8	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	——
3C	8	Cover Nut	Stainless Steel	18-8	13	1	Spool Seal (Seat Seal)**	Buna-n**	——
4	1	Cover Bushing*	Bronze*	B140-83	14	1	Seat Plate*	Unleaded Bronze*	C89833
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	15	1	Seat Ring*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	——	16	1	Seat O'Ring**	Buna-n**	——
8	1	Stem	Stainless Steel	304	*OPTIONAL 316 STAINLESS STEEL AVAILABLE				
					**OPTIONAL VITON AVAILABLE				

Dimensions

Size		Part #	BB		C		D		E		F		Weight	
Inch	mm		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs	kg
2	50	8475304	8	203	6-1/2	165	4-1/4	108	5	127	3-1/2	89	24	11

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FLOMATIC® VALVES

June 8, 2005
Dwg No: S2AFP250# Rev E (12/15)

FLOMATIC CORPORATION
GLENS FALLS, N.Y. 12801
PHONE (518) 761-9797
FAX (518) 761-9798

Control Valve

150# Flange

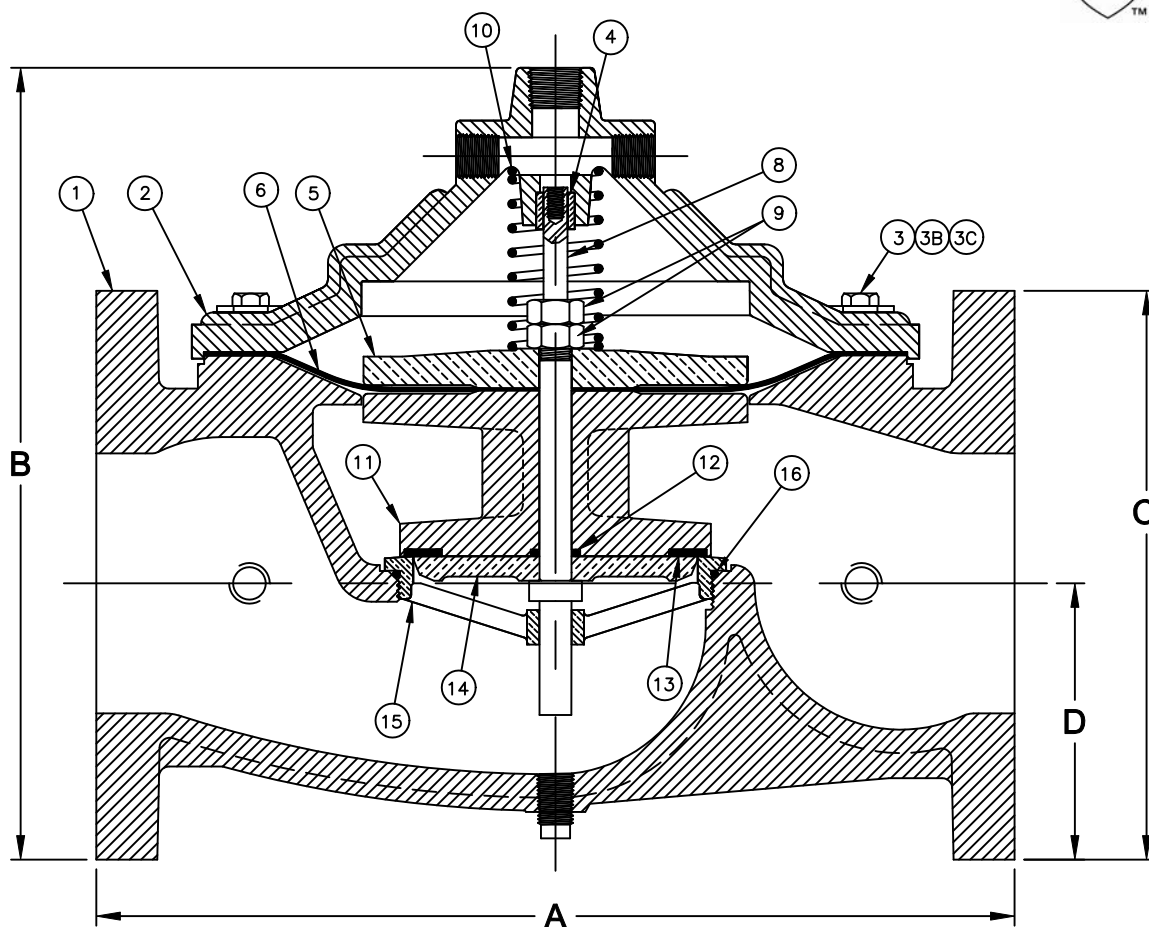
Model C



Sizes 2" / 50 mm

Flomatic Corporation

Materials (Globe Style)



Max Temp 180°F (82°C)
Max Pressure 250psi (18bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	18-8
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	18-8	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	18-8	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	-----
3C	8	Cover Nut	Stainless Steel	18-8	13	1	Spool Seal (Seat Seal)**	Buna-n**	-----
4	1	Cover Bushing*	Bronze*	B140-83	14	1	Seat Plate*	Unleaded Bronze*	C89833
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	15	1	Seat Ring*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	-----	16	1	Seat O'Ring**	Buna-n**	-----
8	1	Stem	Stainless Steel	304	*OPTIONAL 316 STAINLESS STEEL AVAILABLE				
					**OPTIONAL VITON AVAILABLE				

Dimensions

Size		Part #	A		B		C		D		Weight	
Inch	mm		Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs	kg
2	50	8471704	9-3/8	238	7-1/2	191	5-13/16	148	2-13/16	71	21	9.5

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June 18, 2003
Dwg No: S2FP125 Rev F (12/15)

FLOMATIC CORPORATION
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Control Valve

300# Flange

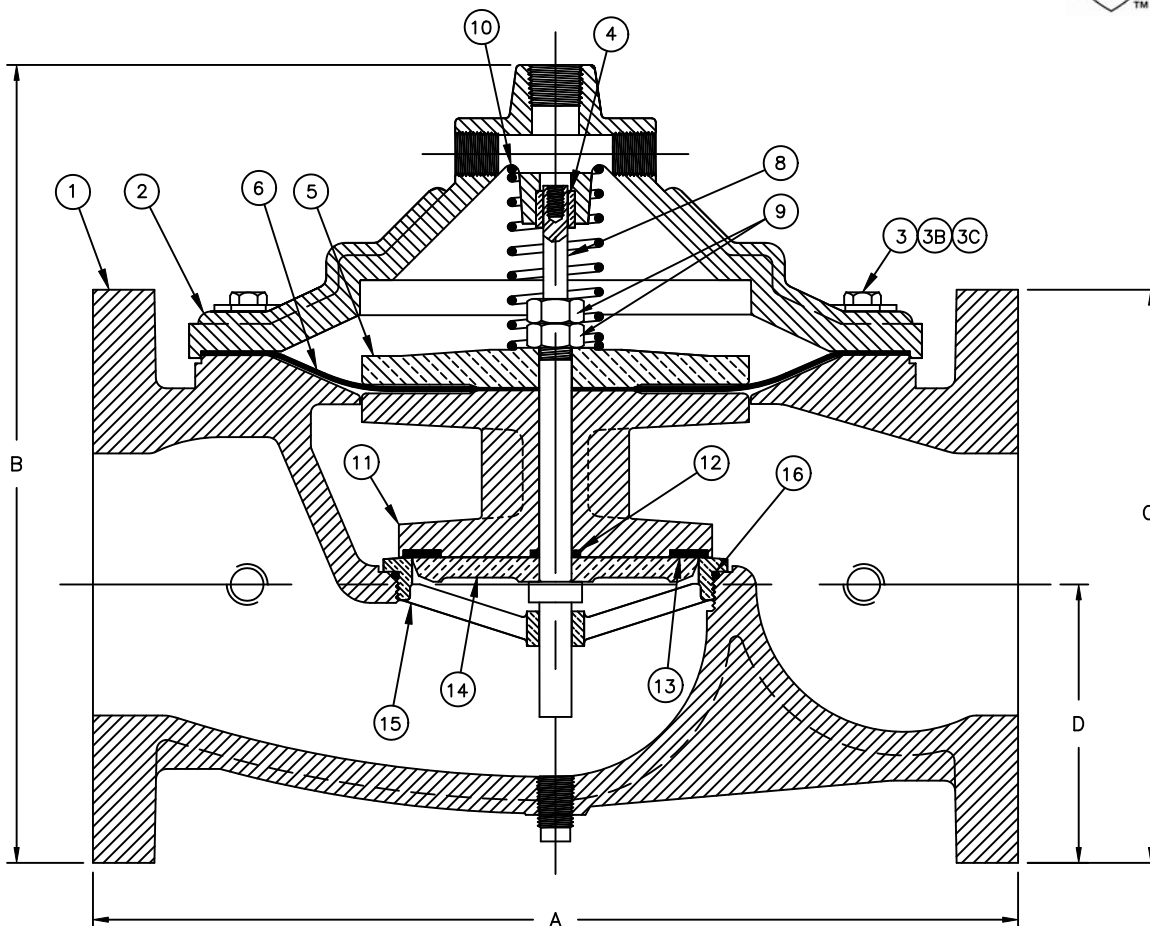
Model C



Sizes 2" / 50 mm

Flomatic Corporation

Materials (Globe Style)



Max Temp 180°F (82°C)
Max Pressure 400psi (28bar)

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	18-8
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	18-8	11	1	Spool	Ductile Iron	A-536
3B	8	Cover Washer	Stainless Steel	18-8	12	1	Spool O'Ring (Stem O'Ring)**	Buna-n**	-----
3C	8	Cover Nut	Stainless Steel	18-8	13	1	Spool Seal (Seat Seal)**	Buna-n**	-----
4	1	Cover Bushing*	Bronze*	B140-83	14	1	Seat Plate*	Unleaded Bronze*	C89833
5	1	Diaphragm Plate*	Unleaded Bronze*	C89833	15	1	Seat Ring*	Unleaded Bronze*	C89833
6	1	Diaphragm	Nitrile/Nylon	-----	16	1	Seat O'Ring**	Buna-n**	-----
8	1	Stem	Stainless Steel	304	*OPTIONAL 316 STAINLESS STEEL AVAILABLE				
					**OPTIONAL VITON AVAILABLE				

Dimensions

Size		Part #	A		B		C		D		Weight	
Inch	mm		Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs	kg
2	50	8471804	10	254	7-51/64	198	6-3/8	162	3-7/64	79	28	13

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June 18, 2003
Dwg No:S2FP250 Rev F (12/15)

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