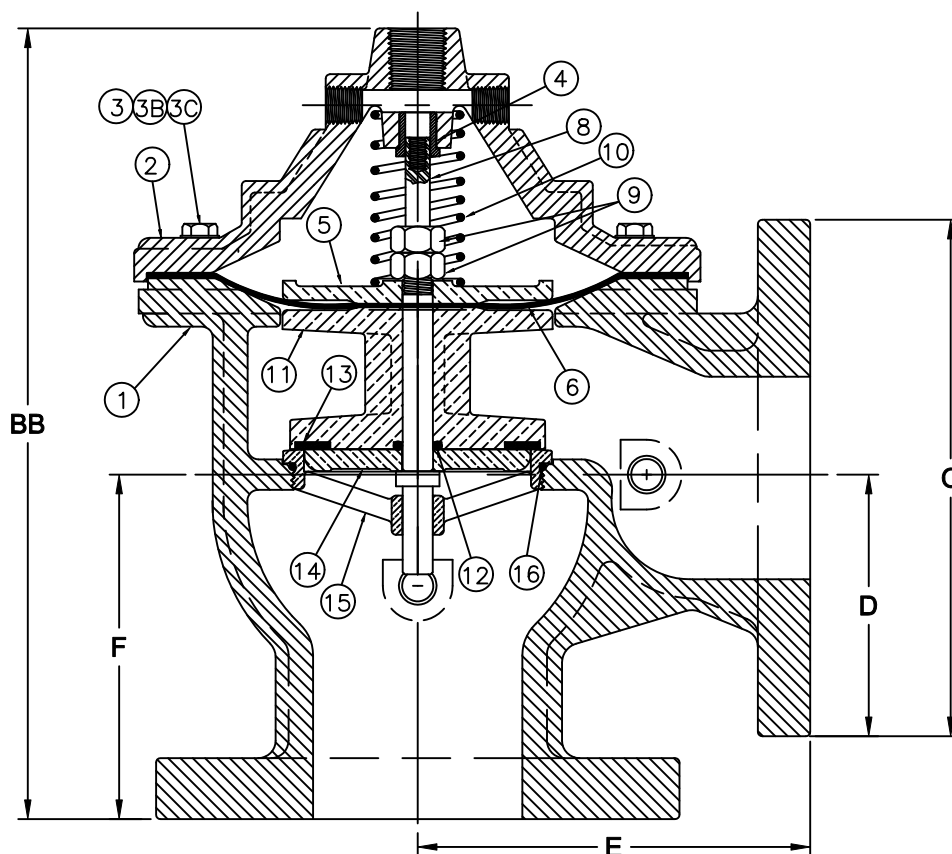




## Materials (Angled Body)



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*	Unleaded Bronze*	C89833
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
2-1/2	65	8475205	10-3/8	263	7	178	3-1/2	89	5-1/2	140	4	102	42	19
3	80	8475206	10-13/32	276	7-1/2	191	3-3/4	95	6	152	4	102	43	19.5

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Control Valve

300# Flange

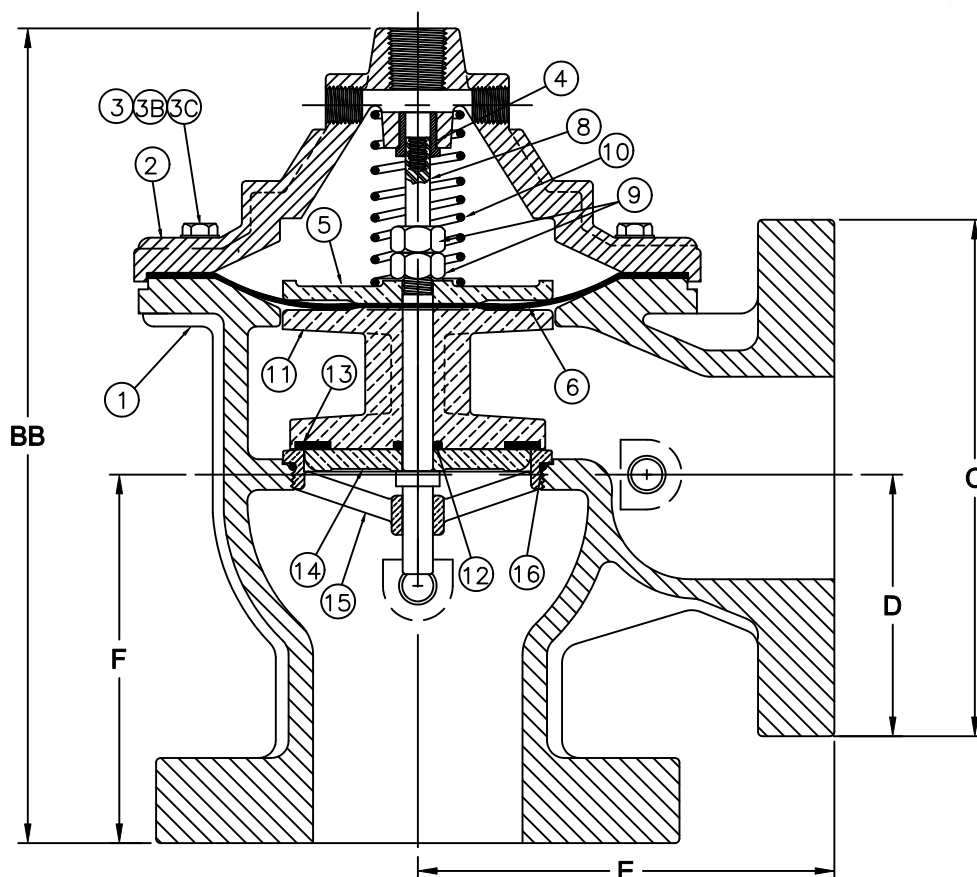
Model CA



Sizes 2-1/2" &amp; 3" / 65 mm &amp; 80 mm

Flomatic Corporation

## 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*	Unleaded Bronze*	C89833
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
2-1/2	65	8475305	10-41/64	270	7-1/2	190	3-5/8	92	6-1/4	159	4-1/4	108	46	20.9
3	80	8475306	10-49/64	273	8-1/4	210	4-1/8	105	6-3/8	162	4-3/8	111	54	24.4

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June 24, 2005  
Dwg No: S3AFP250 Rev D (7/13)

FLOMATIC CORPORATION  
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# Control Valve

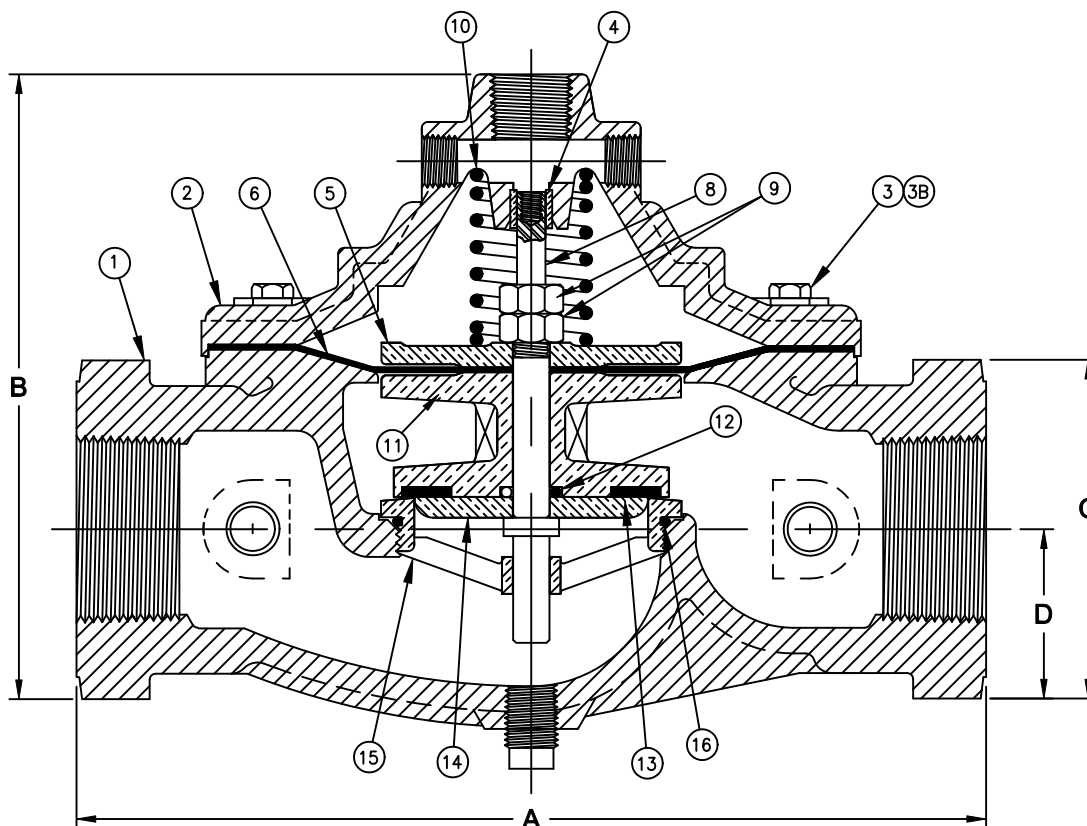
# NPT

# Model C **FLOMATIC®**

Sizes 2-1/2" & 3" / 65 mm & 80 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*	Unleaded Bronze*	C89833
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

\*\*OPTIONAL VITON AVAILABLE

## Dimensions

Size		Part #	A		B		C		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
2-1/2	65	8471605	12-1/2	318	9-5/16	237	5-1/2	140	2-3/4	70	42	19
3	80	8471606	12-1/2	318	9-5/16	237	5-1/2	140	2-3/4	70	42	19

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# Control Valve

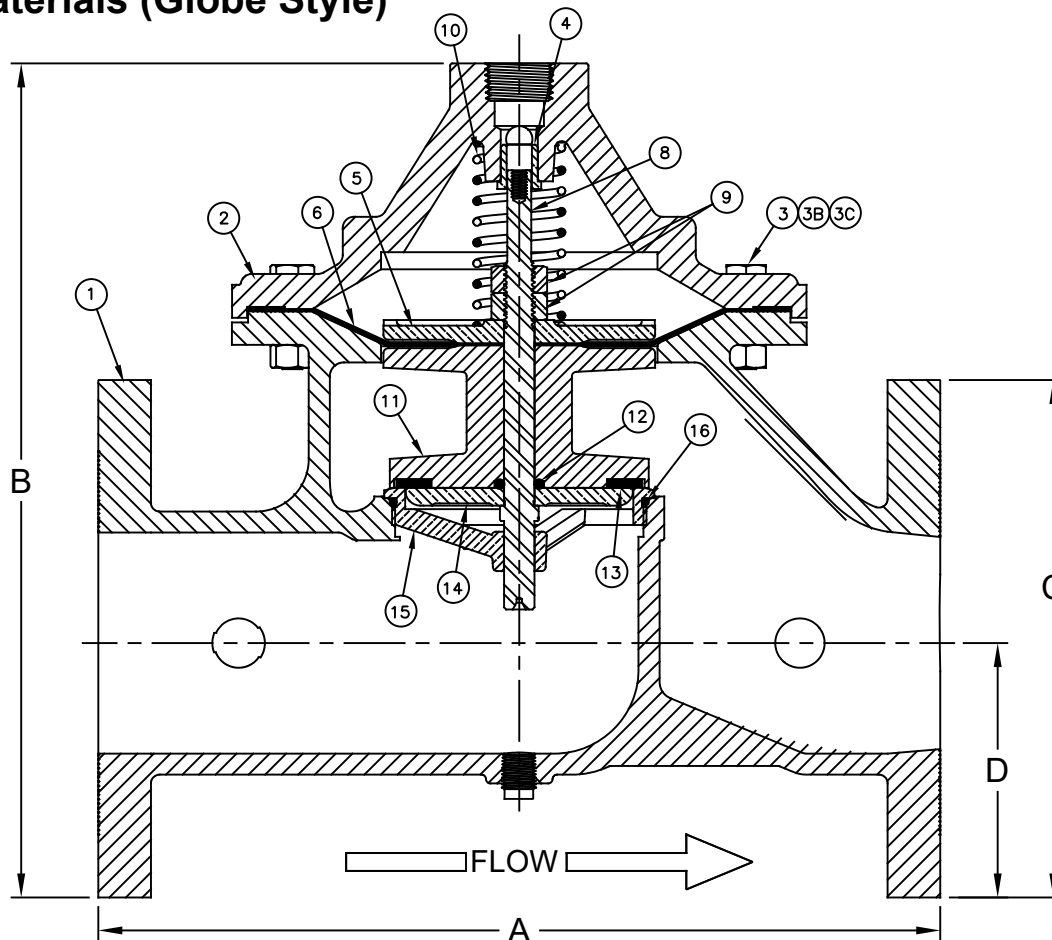
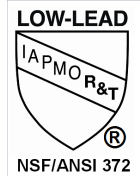
# 150# Flange

# Model C

**FLOMATIC®**  
Flomatic Corporation

Sizes 2-1/2" & 3" / 65 mm & 80 mm  
AIS

## 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 (VOIDS AIS)  
\*\*OPTIONAL EPDM OR VITON AVAILABLE

## Dimensions (150# ANSI B16.5 flanges)

Size		Part #	A		B		C		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
2-1/2	65	8471705	11-7/8	302	11-3/4	299	7	178	3-1/2	89	43	19.5
3	80	8471706	12	305	11-57/64	302	7-3/8	187	3-5/8	92	46	20.9

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**FLOMATIC® VALVES**

March 28, 2003  
S3FP125 Rev E (1/23)

FLOMATIC CORPORATION  
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PHONE (518) 761-9797  
FAX (518) 761-9798

## Control Valve

## 300# Flange

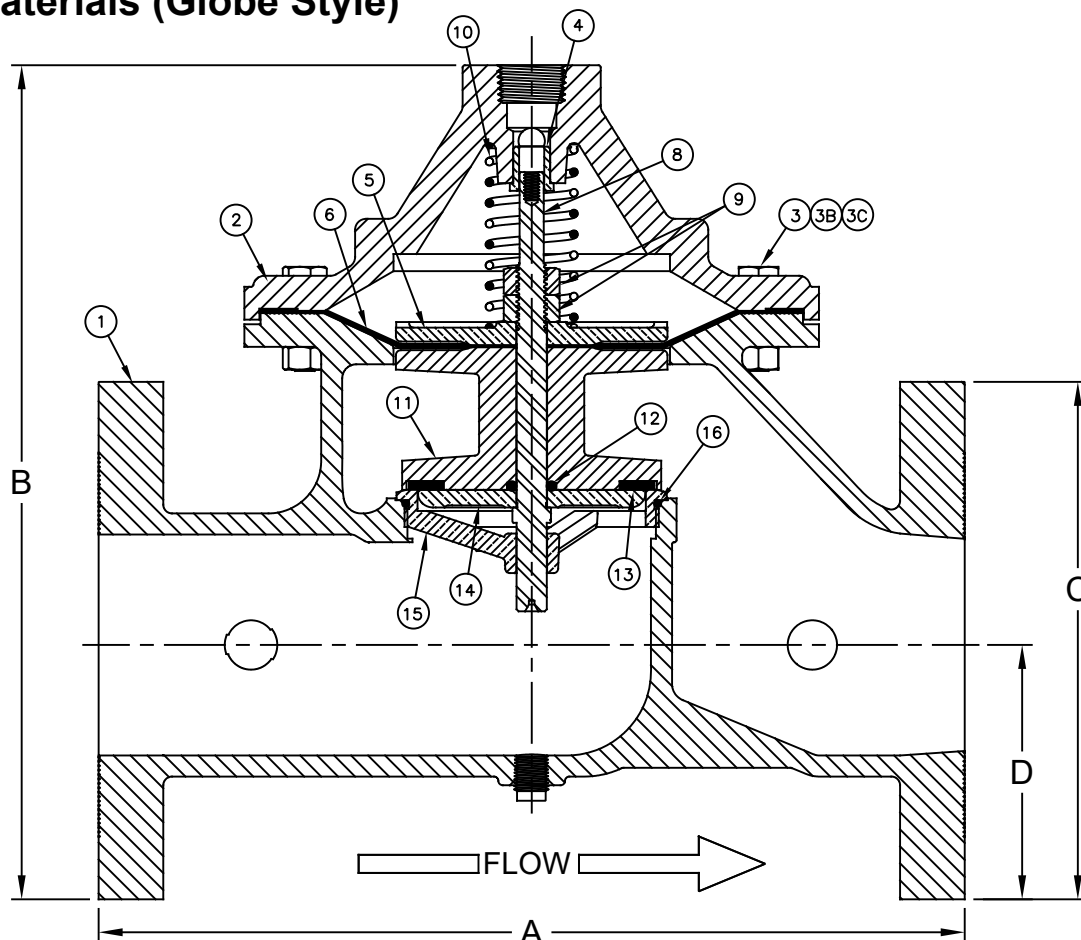
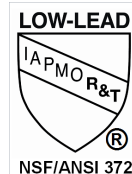
## Model C



Flomatic Corporation

Sizes 2-1/2" & 3" / 65 mm & 80 mm  
AIS

## Materials (Globe Style)



Max Temp 180°F (82°C)  
Max Pressure 400psi (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 (VOIDS AIS)

\*\*OPTIONAL EPDM OR VITON AVAILABLE

## Dimensions (300# ANSI B16.5 flanges)

Size		Part #	A		B		C		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
2-1/2	65	8471805	13	330	11-3/4	299	7-1/2	191	3-3/4	89	49	22.2
3	80	8471806	13-1/4	337	12-21/64	313	8-3/16	208	4-1/16	103	57	25.9

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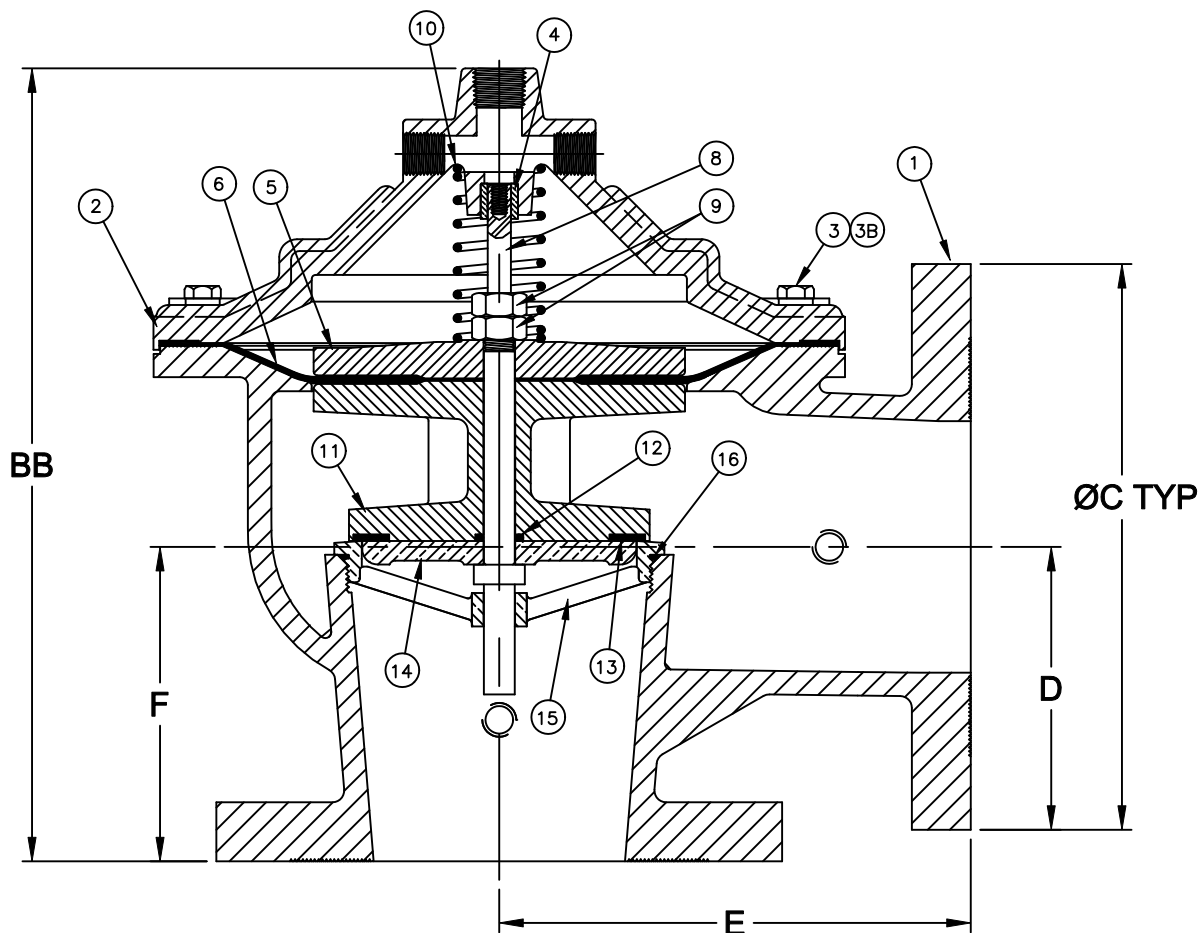


June 18, 2003  
Dwg No:S3FP250 Rev E (1/23)

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

**Control Valve****150# Flange****Model CA****FLOMATIC®**

Sizes 4" / 100 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	12	Cover Bolt	Stainless Steel	18-8	11	1	Spool*	Ductile Iron*	A-536
3B	12	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*	Ductile Iron*	A-536	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
4	100	8475207	12-5/8	321	9	229	4-1/2	114	7-1/2	191	5	127	77	35

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**FLOMATIC® VALVES**September 7, 2005  
Dwg No: S4CAFP125 Rev C (7/13)FLOMATIC CORPORATION  
GLEN FALLS, N.Y. 12801  
PHONE (518) 761-9797  
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# Control Valve

# 300# Flange

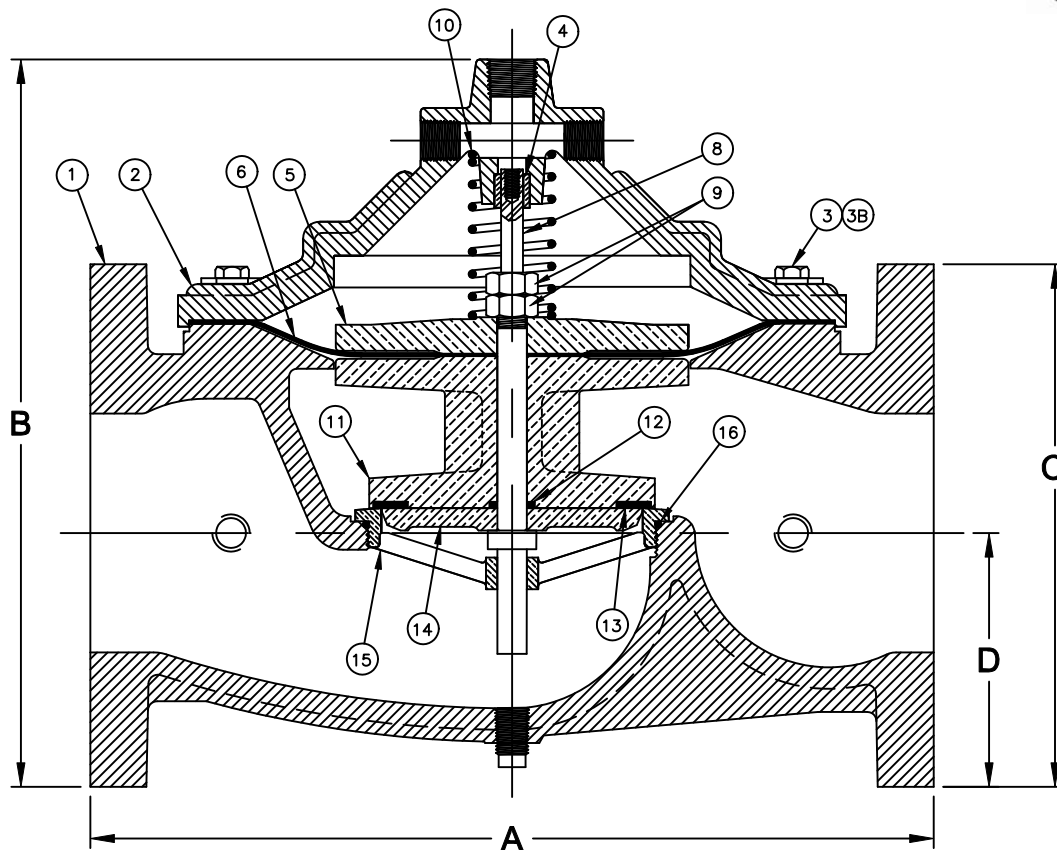
# Model C



Flomatic Corporation

Sizes 4" / 100 mm

## 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	12	Cover Bolt	Stainless Steel	18-8	11	1	Spool*	Ductile Iron*	A-536
3B	12	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*	Ductile Iron*	A-536	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
4	100	8471807	15-5/8	397	12-3/4	324	9-13/16	249	4-51/64	122	127	58

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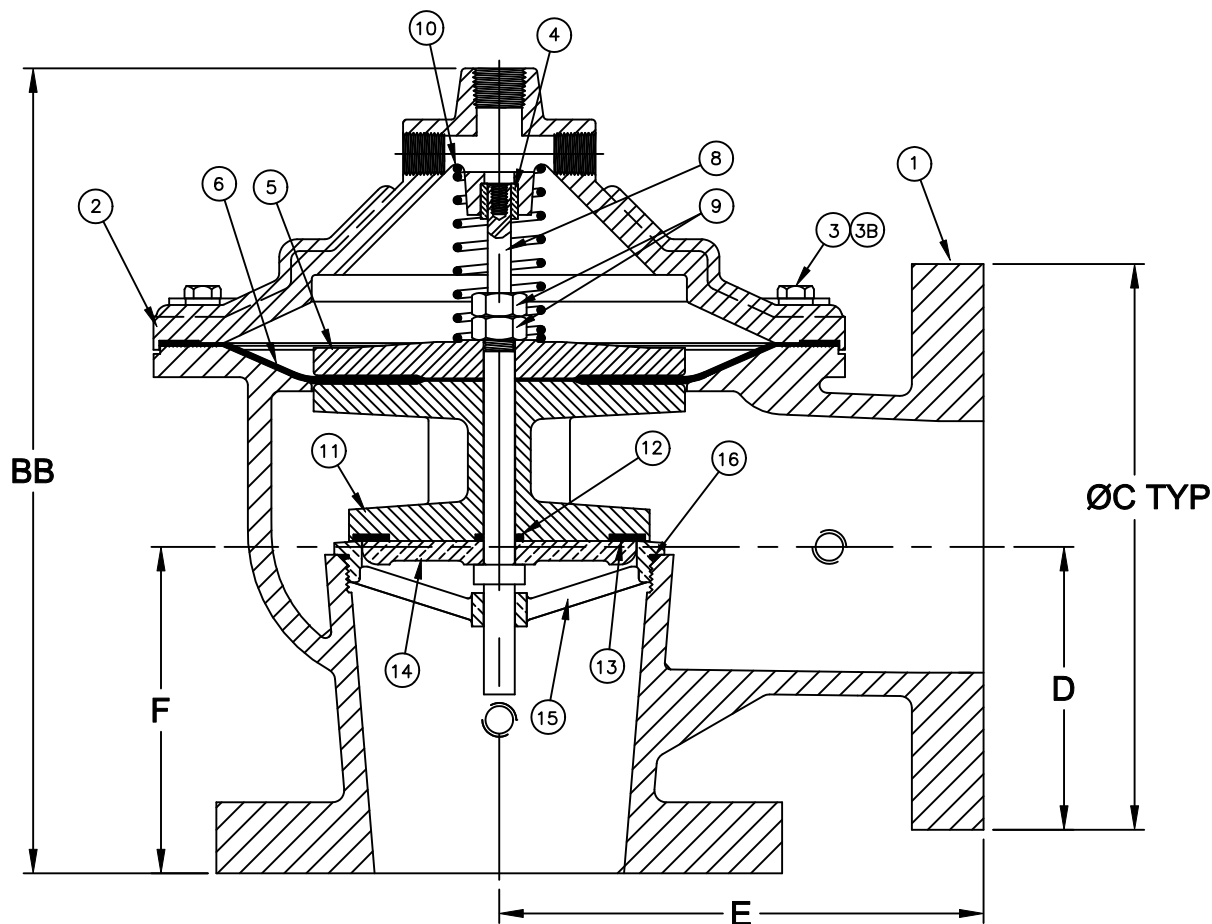


June 18, 2003  
Dwg No:S4FP250 Rev D (7/13)

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

**Control Valve****300# Flange****Model CA****FLOMATIC®**

Sizes 4" / 100 mm

**Flomatic Corporation****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	12	Cover Bolt	Stainless Steel	18-8	11	1	Spool*	Ductile Iron*	A-536
3B	12	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*	Ductile Iron*	A-536	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
4	100	8475307	12-15/16	329	10	254	5	127	7-13/16	199	5-5/16	135	94	43

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**FLOMATIC® VALVES**September 7, 2005  
Dwg No:S4CAFP300 Rev C (7/13)FLOMATIC CORPORATION  
GLENS FALLS, N.Y. 12801  
PHONE (518) 761-9797  
FAX (518) 761-9798



# Control Valve

# 150# Flange

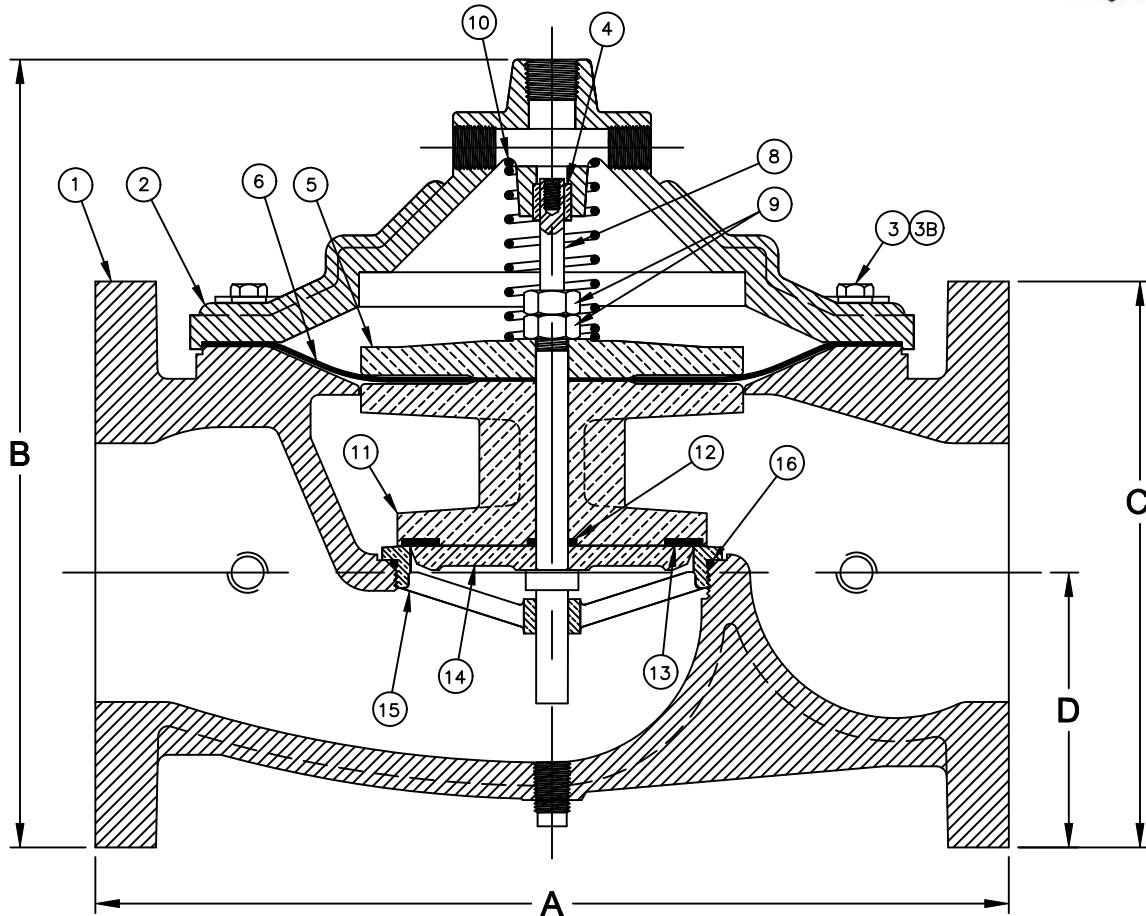
# Model C



Sizes 4" / 100 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	12	Cover Bolt	Stainless Steel	18-8	11	1	Spool*	Ductile Iron*	A-536
3B	12	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*	Ductile Iron*	A-536	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
4	100	8471707	15	381	12-3/16	310	8-3/4	222	4-1/4	108	104	47

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June 18, 2003  
Dwg No:S4FP125 Rev D (7/13)

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