

# Control Valve

# NPT

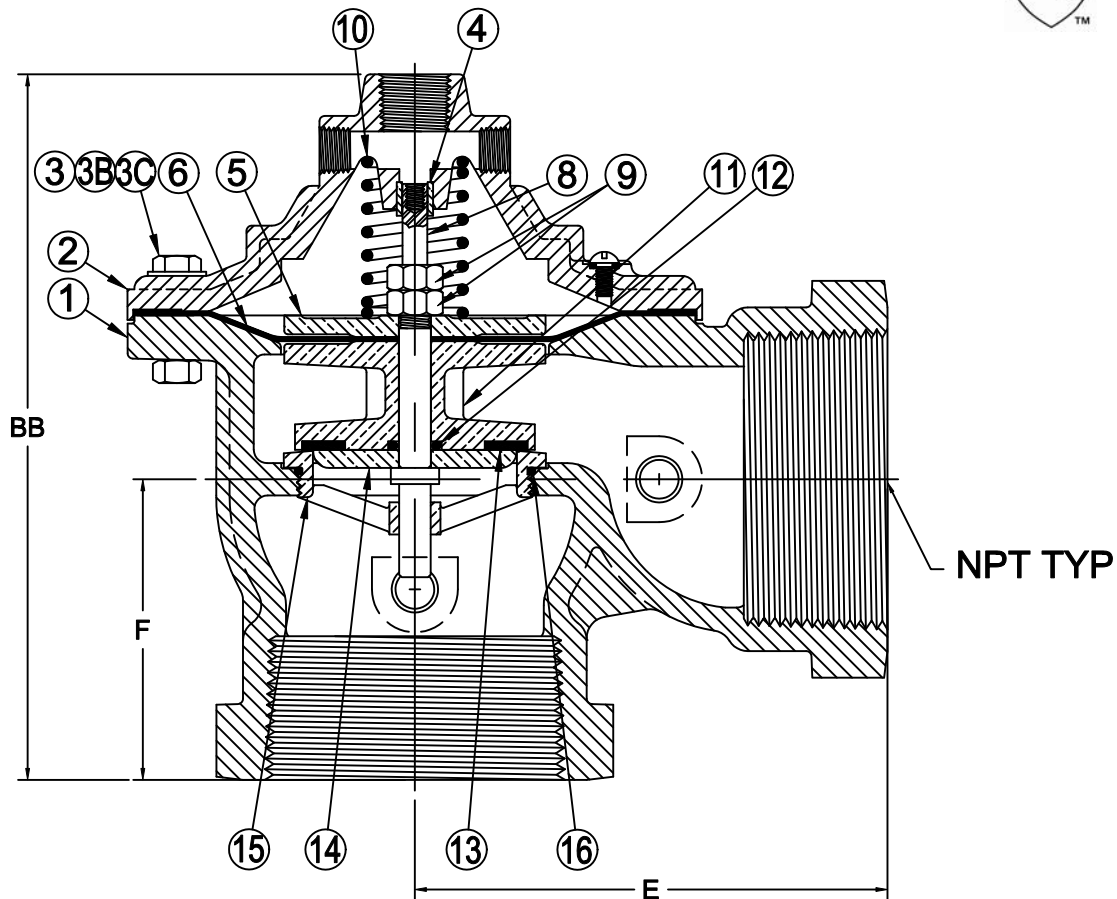
# Model CFA



Flomatic Corporation

Sizes 2-1/2" & 3" / 65 mm & 80 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*	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		E		F		NPT	Weight	
Inch	mm		Inch	mm	Inch	mm	Inch	mm		lbs	kg
2-1/2	65	8475305	8-7/32	209	5-1/2	140	3-1/2	89	2-1/2	30	14
3	80	8475306	8-7/32	209	5-1/2	140	3-1/2	89	3	30	14

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August 18, 2003  
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# Control Valve

# 150# Flange

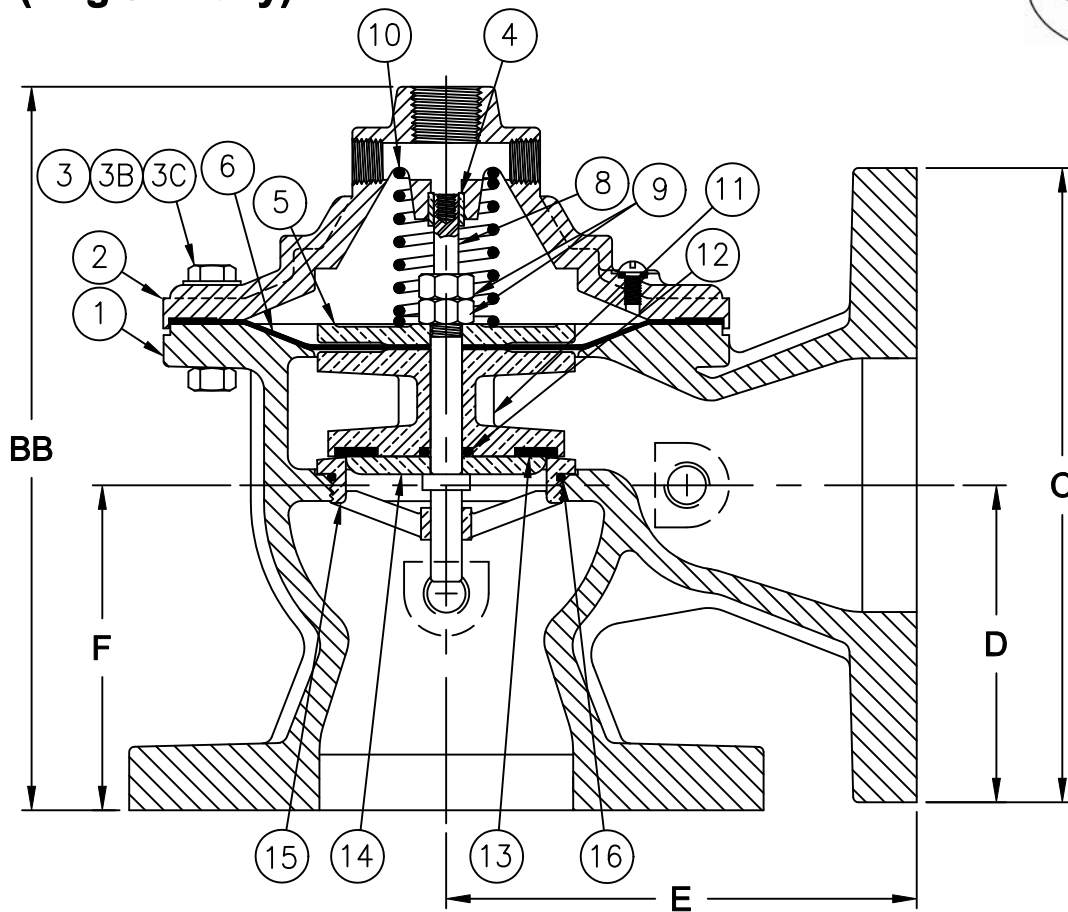
# Model CFA



Flomatic Corporation

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

## 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	8475005	8-33/64	216	7	178	3-1/2	89	5-1/2	140	3-51/64	96	30	14
3	80	8475006	8-9/16	218	7-1/2	191	3-3/4	95	5-9/16	141	3-27/32	98	31	14

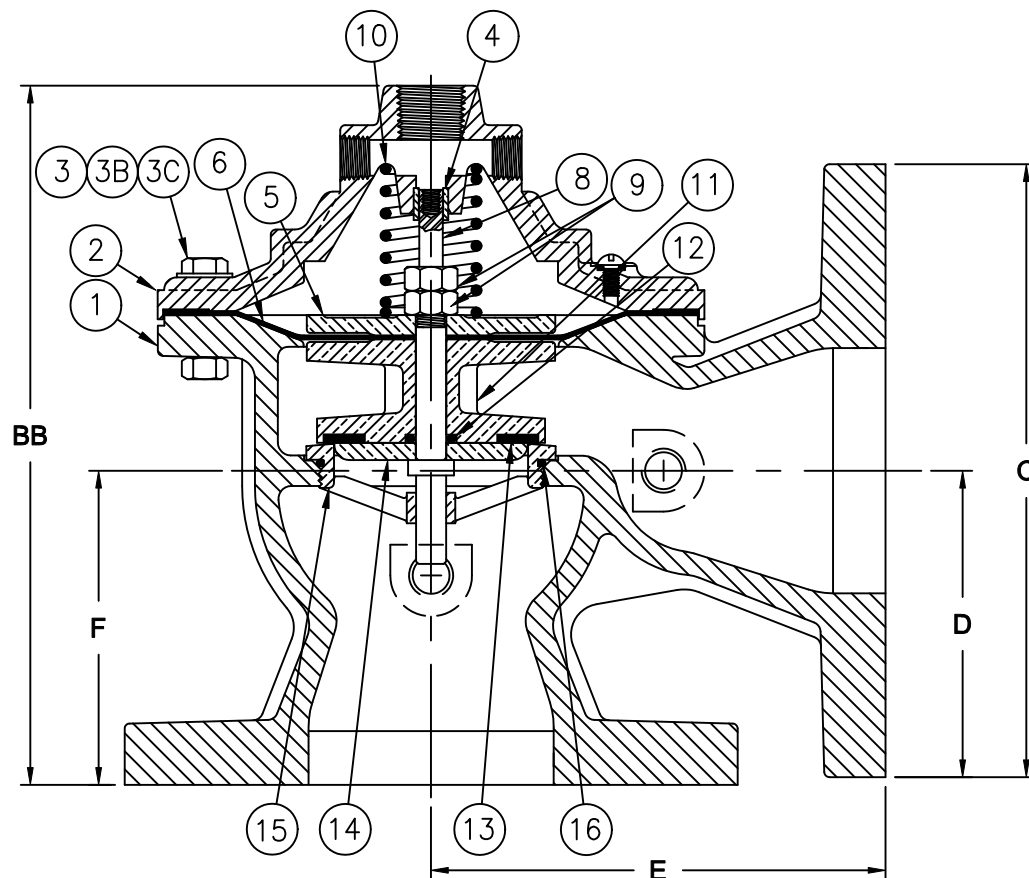
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August 8, 2003  
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## Materials (Angled Body)



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

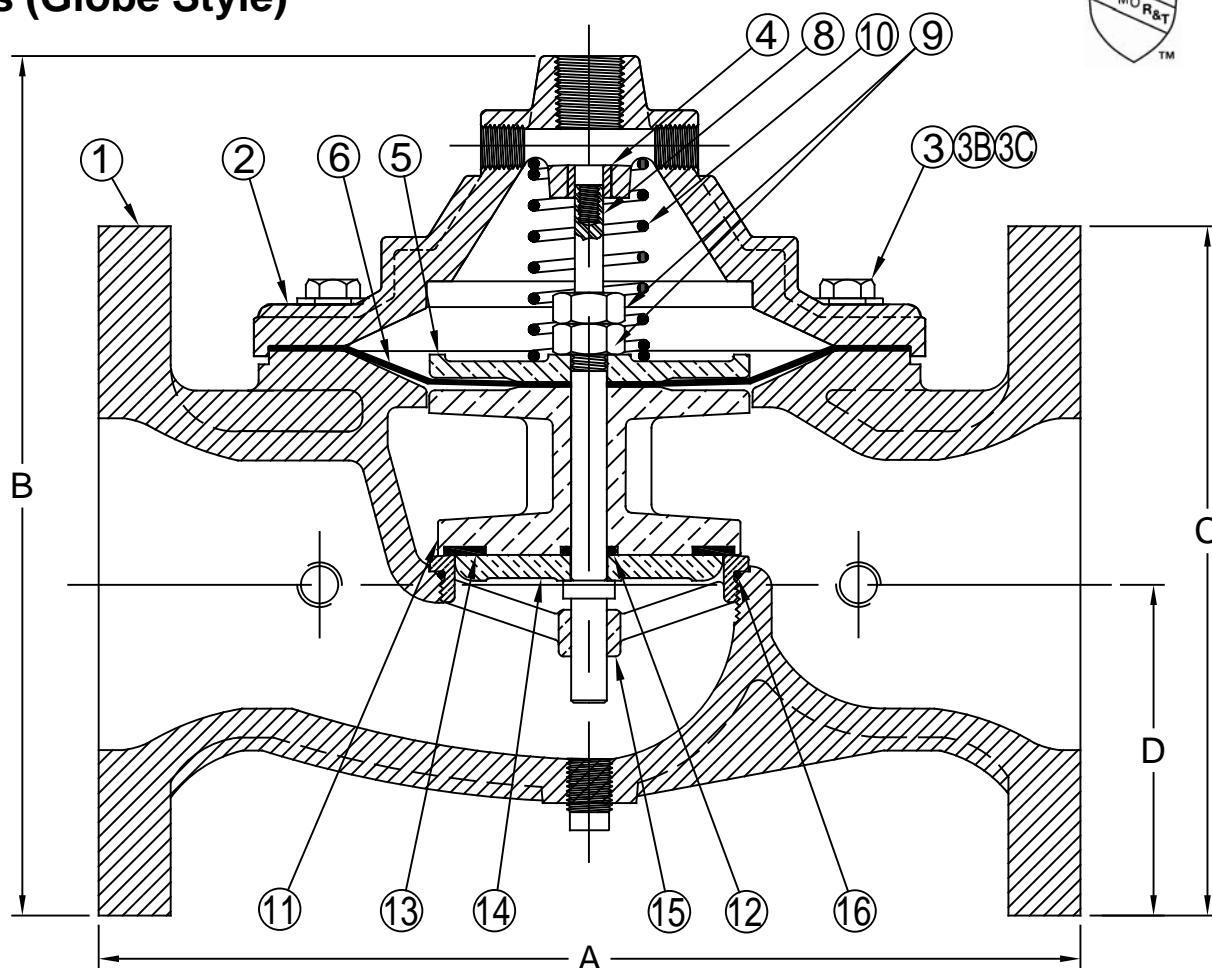
\*\*OPTIONAL VITON AVAILABLE

## Dimensions

Size		Part #	BB		C		D		E		F		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
4	100	8475007	11-3/8	289	9	229	4-1/2	114	6-3/4	171	5	127	57	26

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## Materials (Globe Style)



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

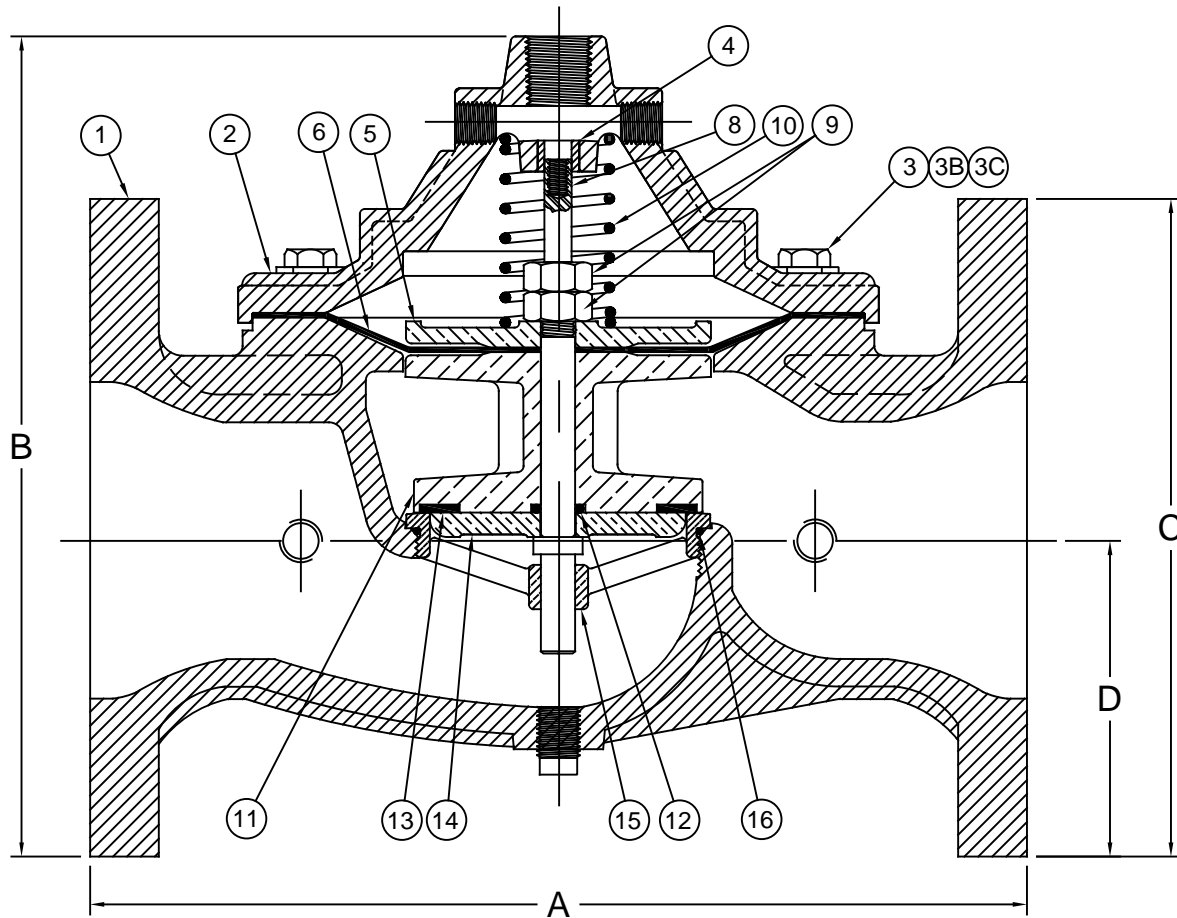
Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	1	Body (W/ Tag & Plug)	Ductile Iron	A-536	9	2	Jam Nut	Stainless Steel	18-8
2	1	Cover	Ductile Iron	A-536	10	1	Spring	Stainless Steel	302
3	8	Cover Bolt	Stainless Steel	18-8	11	1	Spool*	Unleaded Bronze*	C89833
3B	8	Cover Washer	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 #	A		B		C		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
4	100	8471307	13-7/8	352	10-3/4	273	8-7/8	225	4-25/64	112	56	25

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## 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**	-----
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				

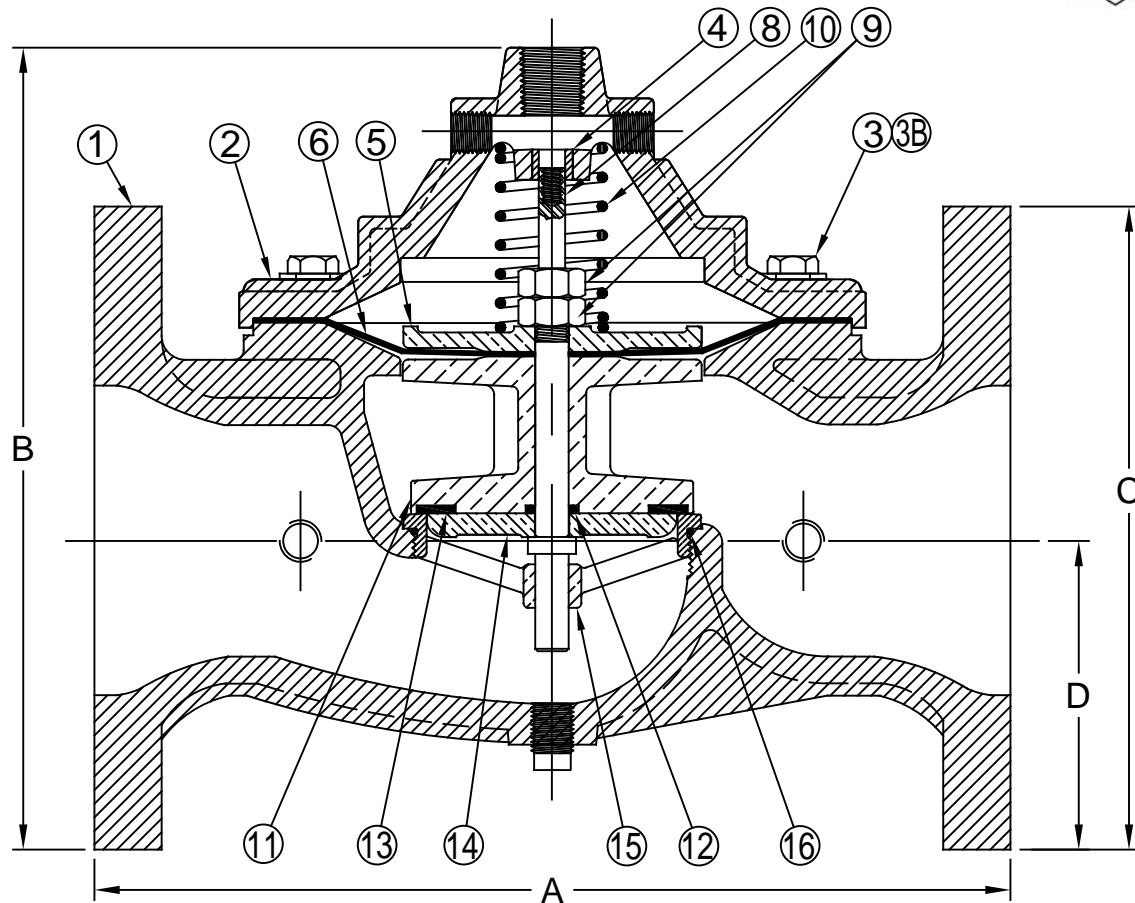
## Dimensions

Size		Part #	A		B		C		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
4	100	8472807	14-1/2	368	11-9/32	287	9-27/32	250	4-57/64	124	79	36

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## 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**	-----

\*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
5	125	8471308	16-1/4	413	12-15/16	408	11	254	5	127	120	55
6	150	8471309	17-3/4	451	13-1/16	416	10-5/8	270	5-1/8	130	123	56

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# Control Valve

# 150# Flange

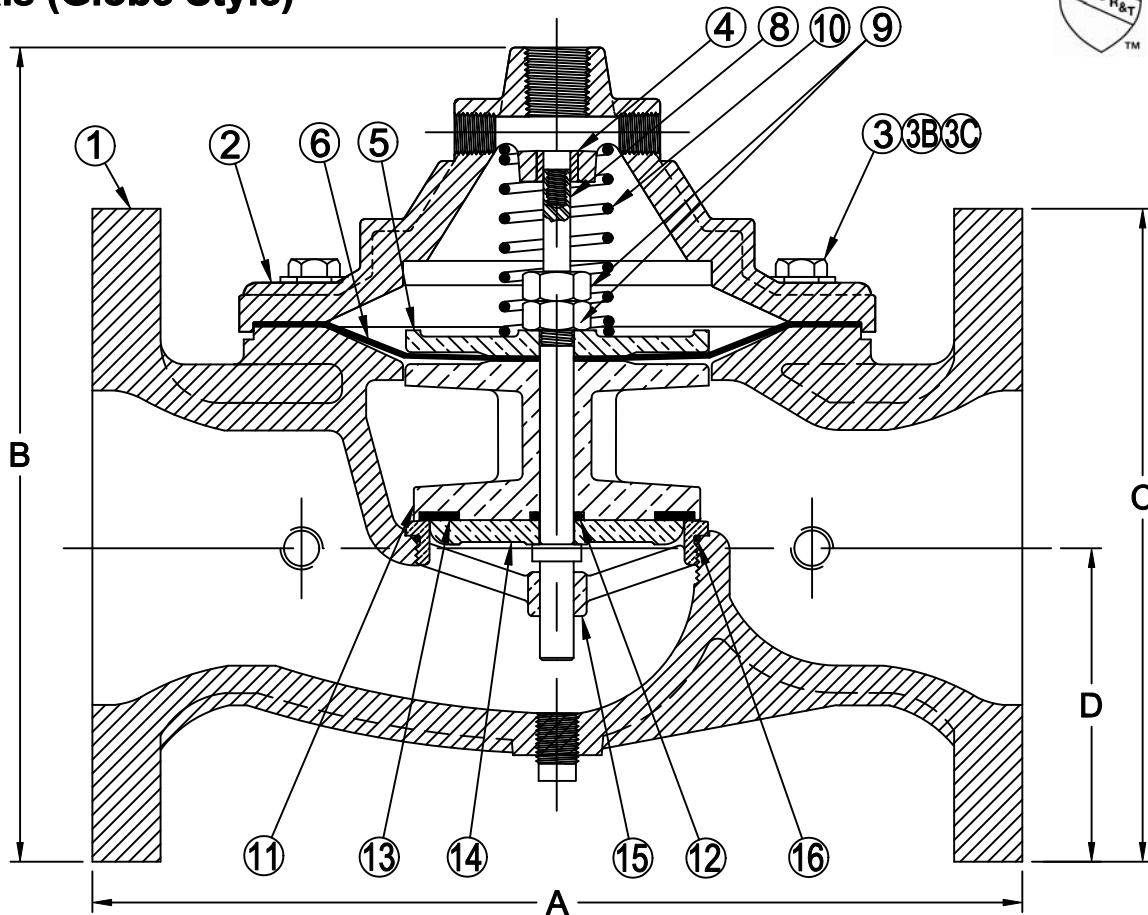
# Model CF



Sizes 2-1/2" & 3" / 65 mm & 80 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*	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 #	A		B		C		D		Weight	
Inch	mm		Inch	mm	Inch	mm	Inch	mm	Inch	mm	lbs	kg
2-1/2	65	8471305	10-3/4	273	8-3/16	208	7	178	3-1/2	89	30	14
3	80	8471306	10-7/8	276	8-1/4	210	7-9/32	185	3-17/32	90	31	14

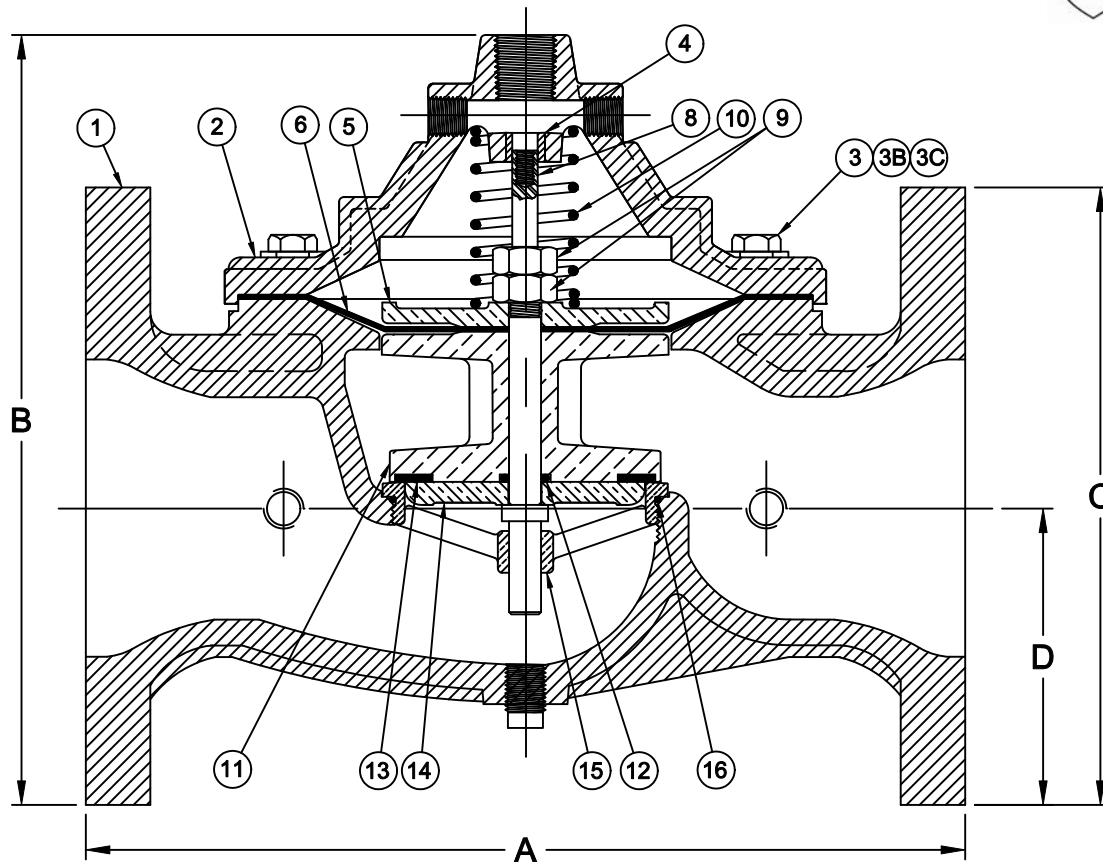
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## Materials (Globe Style)



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**	_____
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				

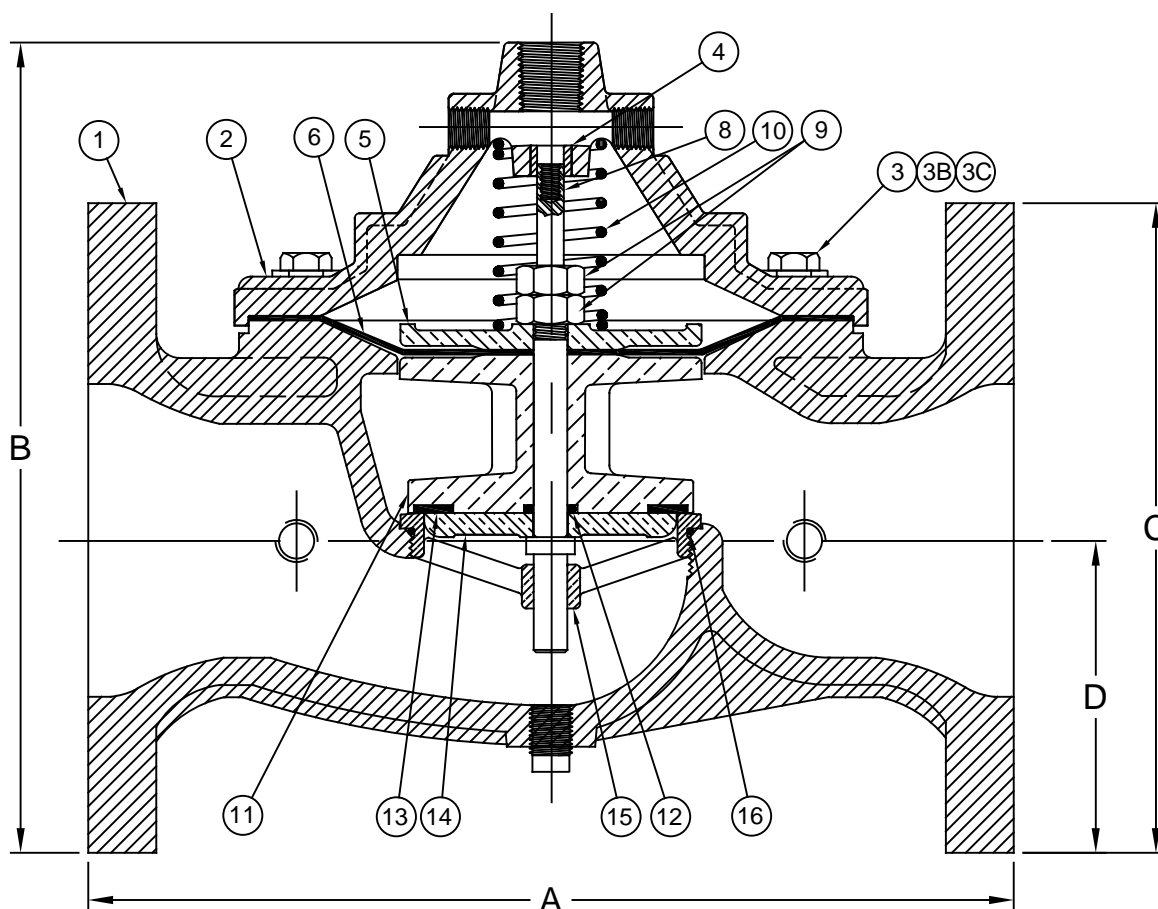
## Dimensions

Size		Part #	A		B		C		D		Weight	
inch	mm		inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
3	80	8472806	11-5/8	295	8-21/32	220	8-3/64	204	3-63/64	101	45	21

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## Materials (Globe Style)



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

Item #	Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
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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**	-----

\*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
5	125	8472808	17-1/8	435	13-7/16	341	11	279	5-1/2	140	164	75
6	150	8472809	18-11/16	475	13-7/8	352	12-3/16	310	5-15/16	151	167	76

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