



# EVER METAL

VALVES MANUFACTURER

OS&Y GATE VALVES

CHECK VALVES

NRS GATE VALVES

POST INDICATOR VALVES



9001:2008  
REGISTERED





# NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105  
(888) NSF-9000

## Certificate of Registration

This certifies that the Quality Management System of

### Ever Metal Industry Co., Ltd.

No. 853, Kwang Fu Road, Pa-Teh City  
Taoyuan Hsien, Taiwan

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

## ISO 9001:2008

### Scope of Registration:

The design and production of the cast iron gate, check, globe valves, strainers and the ductile iron coupling, tee, elbow, cap and the cast iron casting.

**Exclusions:** NA

### Industrial Classification:

IAF - QMS: 17, 18  
NACE: DJ 28.4, DK 29.1

Certificate Number: 1179-IS1  
Certificate Issue Date: 17-MAY-2010  
Registration Date: 09-MAY-2010  
Expiration Date \*: 08-MAY-2013

Christian B. Lupo, General Manager  
NSF-ISR, Ltd.



**INDUSTRY AND GOVERNMENT STANDARDS & APPROVALS**



(ANSI)

American National Standards Institution



(AWWA)

American Water Works Association : C – 606

(ASME)

American Society of Mechanical Engineers



(ASTM)

American Society of Testing & Materials



(FM)

Factory Mutual Engineering Corp.



(NFPA)

National Fire Protection Association



(NSF)

NSF International



(UL)

Underwriter's Laboratories, Inc.

(ULC)

Underwriter's Laboratories of Canada.

## COMPANY PROFILE

Ever Metal Industry Co., Ltd. (Ever Metal) has been building cast iron valves since 1972. Today, Ever Metal manufactures some of the highest quality valves in the industry at the most competitive prices. Ever Metal is based in Taiwan. We export to countries all over the world - principally in Asia, Europe, and the United States. We have established long term business relationships with our customers all over the world.

We offer a line of custom valve manufacturing. We can offer products according to the customer's special requirements and brand (OEM manufacturing) and welcome the opportunity.

Products include gate valves, globe valves, check valves, strainers & suction diffuser and fire protection valves. The nominal pressure (PN) classes are 125LB, 150LB and 250LB.

Ever Metal has a complete set of quality guarantee system and the products have passed the ISO9002 quality authentication.

Please feel free to contact us to learn more about our company or our products.

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**Fig. 722U**  
**RESILIENT WEDGE GATE VALVE OS&Y FLANGED ENDS, 200PSI**

**Features & Benefits**

- Fire protection valve. UL listed. FM approved.
- Valves comply with AWWA C509.
- Working pressure 200PSI. Cold water pressure (Max. temp 63° C).
- Flanged ends to ANSI B16.1 Class 125. Other flange types available.
- Application: Fire protection / Air condition / Plumbing.
- Pre-grooved stem for supervisory switch.
- Epoxy coated interior / Exterior to AWWA C-550.



**Material List**

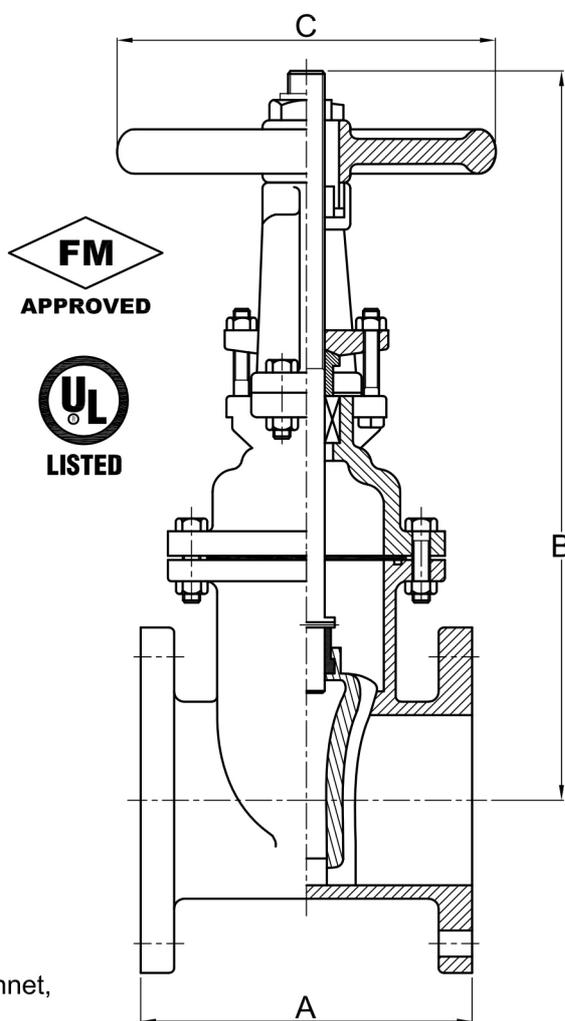
Part Name	Material	ASTM SPEC.
Body	Cast Iron	ASTM A126-B
Wedge	Cast Iron Coated with EPDM	
Wedge Nut	Cast Bronze	ASTM B62
	Stainless Steel	AISI 201
Taper Pin	Stainless Steel	AISI 304
Bonnet	Cast Iron	ASTM A126-B
Packing	Non-Asbestos Packing	
Gland	Cast Bronze	ASTM B62
Hex. Head Bolt	Steel	ASTM A307-A
Gland Flange	Ductile Iron	A536 65-45-12
Hexagon Nut	Brass	ASTM B16
Square Head Bolt	Steel	ASTM A307-A
Stem	Stainless Steel	AISI 420
Yoke	Cast Iron	ASTM A126-B
Sleeve Nut	Ductile Iron	A536 65-45-12
Yoke Sleeve	Cast Bronze	ASTM B62
Hand Wheel	Cast Iron	ASTM A126-B
Wheel Nut	Ductile Iron	A536 65-45-12
Hexagon Nut	Steel	ASTM A307-A
Rubber Gasket	EPDM	
Hex.Head Bolt	Steel	ASTM A307-A
Hexagon Nut	Steel	ASTM A307-A

- Note: Sizes up to 4" inclusive made with yoke integral with bonnet, 6"~12" sizes made with separate yoke bolted to bonnet.

**Dimensions (mm / Inch)**

Valve Size	65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
A	190.5	7-1/2	203.2	8	228.6	9	266.7	10-1/2	292.1	11-1/2	330.2	13	355.6	14
B(Open)	377.8	14-7/8	558.8	22	596.9	23-1/2	816.0	32-1/8	1019.0	40-1/8	1273.2	50-1/8	1505.0	59-1/4
B(Close)	323.8	12-3/4	482.6	19	495.3	19-1/2	663.6	26-1/8	816.0	32-1/8	1019.2	40-1/8	1190.6	46-7/8
C	177.8	7	254	10	254	10	304.8	12	355.6	14	406.4	16	457.2	18

■ Note: Design and materials are subject to change without notice.





**Fig. 722F**  
**RESILIENT WEDGE GATE VALVE OS&Y FLANGED ENDS, 250PSI**

**Features & Benefits**

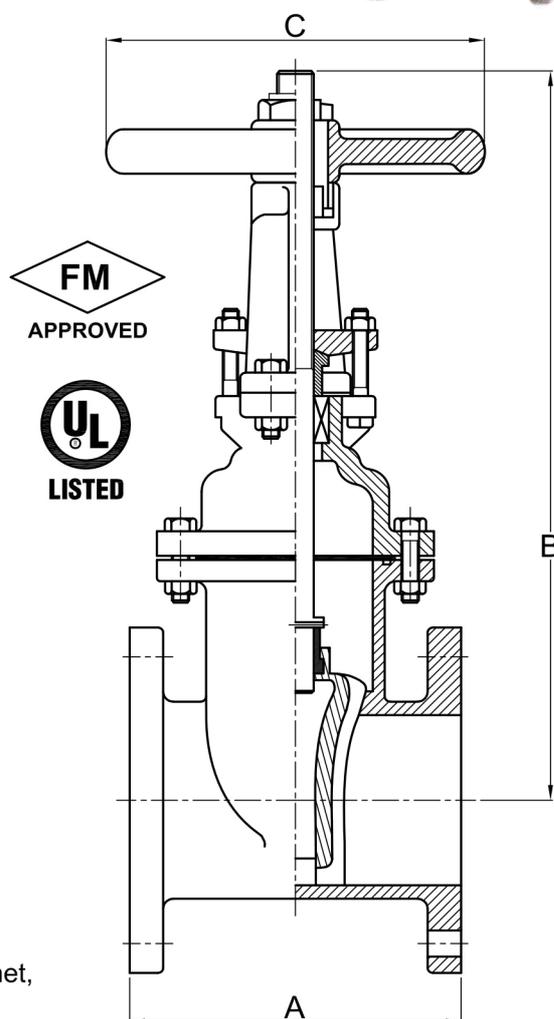
- Fire protection valve. UL listed. FM approved.
- Valves comply with AWWA C515.
- Working pressure 250PSI. Cold water pressure (Max. temp 63° C).
- Flanged ends to ANSI B16.1 Class 125. Other flange types available.
- Application: Fire protection / Air condition / Plumbing.
- Pre-grooved stem for supervisory switch.
- Epoxy coated interior / Exterior to AWWA C-550.



**Material List**

Part Name	Material	ASTM SPEC.
Body	Ductile Iron	A536 65-45-12
Wedge	Cast Iron Coated with EPDM	
Wedge Nut	Cast Bronze	ASTM B62
	Stainless Steel	AISI 201
Taper Pin	Stainless Steel	AISI 304
Bonnet	Cast Iron	ASTM A126-B
Packing	Non-Asbestos Packing	
Gland	Cast Bronze	ASTM B62
Hex. Head Bolt	Steel	ASTM A307-A
Gland Flange	Ductile Iron	A536 65-45-12
Hexagon Nut	Brass	ASTM B16
Square Head Bolt	Steel	ASTM A307-A
Stem	Stainless Steel	AISI 420
Yoke	Cast Iron	ASTM A126-B
Sleeve Nut	Ductile Iron	A536 65-45-12
Yoke Sleeve	Cast Bronze	ASTM B62
Hand Wheel	Cast Iron	ASTM A126-B
Wheel Nut	Ductile Iron	A536 65-45-12
Hexagon Nut	Steel	ASTM A307-A
Rubber Gasket	EPDM	
Hex.Head Bolt	Steel	ASTM A307-A
Hexagon Nut	Steel	ASTM A307-A

- Note: Sizes up to 4" inclusive made with yoke integral with bonnet, 6"~12" sizes made with separate yoke bolted to bonnet.



**Dimensions (mm / Inch)**

Valve Size	65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
A	190.5	7-1/2	203.2	8	228.6	9	266.7	10-1/2	292.1	11-1/2	330.2	13	355.6	14
B(Open)	377.8	14-7/8	558.8	22	596.9	23-1/2	816.0	32-1/8	1019.0	40-1/8	1273.2	50-1/8	1505.0	59-1/4
B(Close)	323.8	12-3/4	482.6	19	495.3	19-1/2	663.6	26-1/8	816.0	32-1/8	1019.2	40-1/8	1190.6	46-7/8
C	177.8	7	254	10	254	10	304.8	12	355.6	14	406.4	16	457.2	18

■ Note: Design and materials are subject to change without notice.



**Fig. 722G**  
**RESILIENT WEDGE GATE VALVE OS&Y GROOVED, 250PSI**

**Features & Benefits**

- Fire protection valve. UL listed. FM approved.
- Valves comply with AWWA C515.
- Working pressure 250PSI. Cold water pressure (Max. temp 63° C).
- Flanged ends to ANSI B16.1 Class 125. Other flange types available.
- Application: Fire protection / Air condition / Plumbing.
- Pre-grooved stem for supervisory switch.
- Epoxy coated interior / Exterior to AWWA C-550.
- Grooves conform to ANSI / AWWA C-606 for steel pipe.



**Material List**

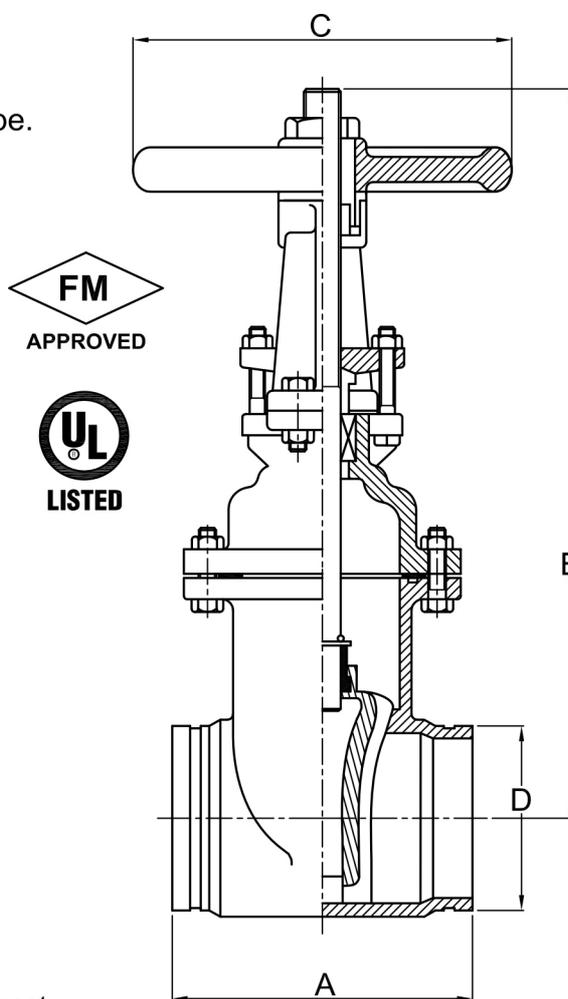
Part Name	Material	ASTM SPEC.
Body	Ductile Iron	A536 65-45-12
Wedge	Cast Iron Coated with EPDM	
Wedge Nut	Cast Bronze	ASTM B62
	Stainless Steel	AISI 201
Taper Pin	Stainless Steel	AISI 304
Bonnet	Cast Iron	ASTM A126-B
Packing	Non-Asbestos Packing	
Gland	Cast Bronze	ASTM B62
Hex. Head Bolt	Steel	ASTM A307-A
Gland Flange	Ductile Iron	A536 65-45-12
Hexagon Nut	Brass	ASTM B16
Square Head Bolt	Steel	ASTM A307-A
Stem	Stainless Steel	AISI 420
Yoke	Cast Iron	ASTM A126-B
Sleeve Nut	Ductile Iron	A536 65-45-12
Yoke Sleeve	Cast Bronze	ASTM B62
Hand Wheel	Cast Iron	ASTM A126-B
Wheel Nut	Ductile Iron	A536 65-45-12
Hexagon Nut	Steel	ASTM A307-A
Rubber Gasket	EPDM	
Hex.Head Bolt	Steel	ASTM A307-A
Hexagon Nut	Steel	ASTM A307-A

- Note: Sizes up to 4" inclusive made with yoke integral with bonnet, 6"~12" sizes made with separate yoke bolted to bonnet.

**Dimensions (mm / Inch)**

Valve Size	65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
A	190.5	7-1/2	203.2	8	228.6	9	266.7	10-1/2	292.1	11-1/2	330.2	13	355.6	14
B(Open)	377.8	14-7/8	558.8	22	596.9	23-1/2	816.0	32-1/8	1019.0	40-1/8	1273.2	50-1/8	1505.0	59-1/4
B(Close)	323.8	12-3/4	482.6	19	495.3	19-1/2	663.6	26-1/8	816.0	32-1/8	1019.2	40-1/8	1190.6	46-7/8
C	177.8	7	254	10	254	10	304.8	12	355.6	14	406.4	16	457.2	18
D	73	2-7/8	88.9	3-1/2	114.3	4-1/2	165.1	6-1/2	219.1	8-5/8	273	10-3/4	323.9	12-3/4
							168.3	6-5/8						

■ Note: Design and materials are subject to change without notice.





**Fig. 762U**  
**METAL SEATED IRON BODY GATE VALVE**

**Features & Benefits**

- Fire protection valve. UL listed. FM approved.
- Outside screw and yoke.
- Iron body. Bronze mounted. Solid wedge.
- Flanged ends to ANSI B16.1 Class 125. Other flange types available.
- Application: Fire protection / Air condition / Plumbing.
- Working pressure: 175psi. (Non - shock cold water pressure).
- Conform to MSS SP-70.
- Pre-grooved stem for supervisory switch.



**Material List**

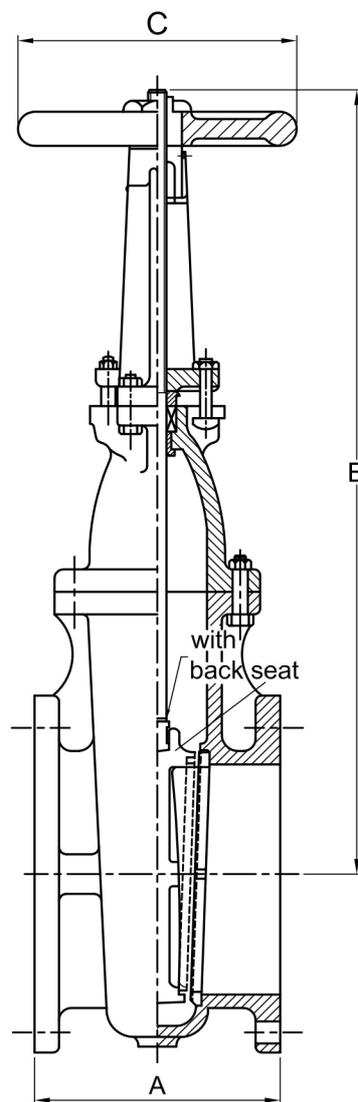
Part Name	Material	ASTM SPEC.
Body	Cast Iron	ASTM A126-B
Disc	Cast Iron	ASTM A126-B
Body Seat Ring	Cast Bronze	ASTM B62
Disc Seat Ring	Cast Bronze	ASTM B62
Bonnet	Cast Iron	ASTM A126-B
Packing	Non-Asbestos Packing	
Bonnet Bush	Cast Bronze	ASTM B62
Gland	Cast Bronze	ASTM B62
Gland Flange	Ductile Iron	A536 65-45-12
Yoke	Cast Iron	ASTM A126-B
Yoke Sleeve	Cast Bronze	ASTM B62
Stem	Stainless Steel	AISI 420
Sleeve Nut	Ductile Iron	A536 65-45-12
Hand Wheel	Cast Iron	ASTM A126-B
Wheel Nut	Ductile Iron	A536 65-45-12
Gasket	NON-ASBESTOS	
Hex.Head Bolt	Steel	ASTM A307-A
Hexagon Nut	Steel	ASTM A307-A
Square Head Bolt	Steel	ASTM A307-A
Hexagon Nut	Brass	ASTM B16

- Note: Sizes up to 3" inclusive made with yoke integral with bonnet, 4"~12" sizes made with separate yoke bolted to bonnet.

**Dimensions (mm / Inch)**

Valve Size	50mm / 2"		65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
A	177.8	7	190.5	7-1/2	203.2	8	228.6	9	266.7	10-1/2	292.1	11-1/2	330.2	13	355.6	14
B	386	15-1/2	454	17-7/8	514	20-1/4	645	25-3/8	860	33-7/8	1102	43-3/8	1324	52-1/8	1524	60
C	177.8	7	177.8	7	203.2	8	254	10	304.8	12	355.6	14	406.4	16	457.2	18

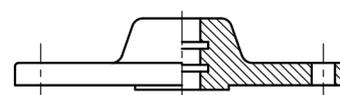
■ Note: Design and materials are subject to change without notice.



**Fig. 710UF**  
**IRON BODY GATE VALVE**

**Features & Benefits**

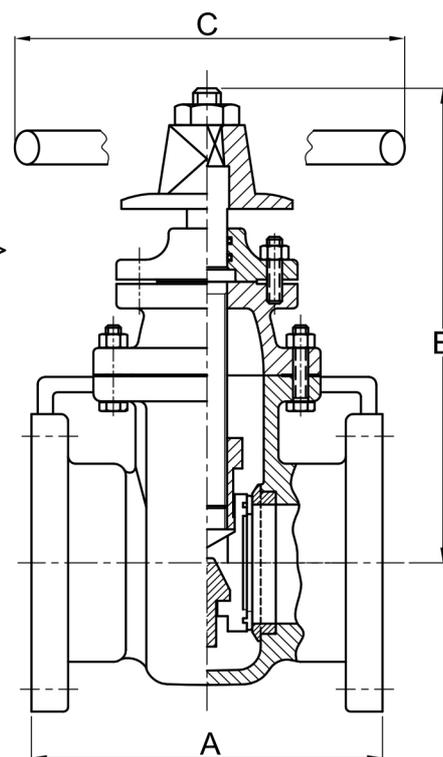
- Fire protection valve. UL listed. FM approved.
- Iron body. Bronze mounted. Non-rising stem. Parallel seats. Double disc.
- Mechanical joint ends conform to AWWA C111 and ANSI A21.11.
- Flanged ends to ANSI B16.1 Class 125. Other flange types available.
- Working pressure: 175 psi non-shock cold water.



**Material List**

Part Name	Material	ASTM SPEC.
Body	Cast Iron	ASTM A126-B
Disc	Cast Iron	ASTM A126-B
Body Seat Ring	Cast Bronze	ASTM B62
Disc Seat Ring	Cast Bronze	ASTM B62
Stem Nut	Cast Bronze	ASTM B62
Wedge Pin	Cast Bronze	ASTM B62
Bonnet	Cast Iron	ASTM A126-B
Box	Cast Iron	ASTM A126-B
Base Plate	Cast Iron	ASTM A126-B
Hand Wheel	Cast Iron	ASTM A126-B
Operation Nut	Cast Iron	ASTM A126-B
Stem	Stainless Steel	AISI 420
Gasket	Non-Asbestos	
O Ring	EPDM	
Hex.Head Bolt	Steel	ASTM A307-A
Stud Bolt	Steel	ASTM A307-A
Nut	Steel	ASTM A307-A

● Note: 2-1/2" has single disc.



**Dimensions (mm / Inch)**

Valve Size	65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
A	190.5	7-1/2	203.2	8	228.6	9	266.7	10-1/2	292.1	11-1/2	330.2	13	355.6	14
B	337	13-1/4	306	12-1/16	347	13-21/32	459	18-1/16	533	20-31/32	625	24-19/32	717	28-15/64
C	178	7	254	10	254	10	355.6	14	355.6	14	406.4	16	457.2	18

■ Note: Design and materials are subject to change without notice.

**Fig. 763U**

**SWING CHECK VALVE, FLANGED ENDS, 200PSI**

**Features & Benefits**

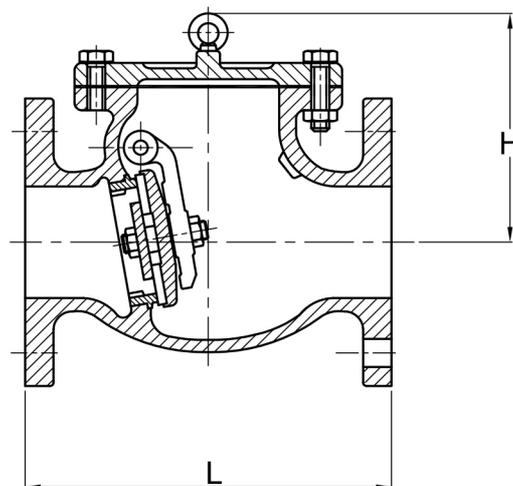
- Fire protection valve. UL listed. FM approved.
- Bolted bonnet. Horizontal swing. Renewable seat and disc.
- Flanged ends to ANSI B16.1 Class 125. Other flange types available.
- Working pressure: 200 PSI (Max. temp 63° C).
- Conform to MSS SP-71.
- Bronze trimed disc, 125 psi steam @ 232° C, 200psi. Non-shock cold water oil or gas.



**Material List**

Part Name	Material	ASTM SPEC.
Body	Cast Iron	ASTM A126-B
Disc	Ductile Iron	A536 65-45-12
Body Seat Ring	Cast Bronze	ASTM B62
Disc Ring(Rubber)	EPDM	Commercial
Disc Ring(Bronze)	Cast Bronze	ASTM B62
Disc Washer	Ductile Iron	A536 65-45-12
	Stainless Steel	AISI 304
Hanger Pin	Stainless Steel	AISI 410
Hanger Plug	Brass	ASTM B16
	Stainless Steel	AISI 304
Hanger	Ductile Iron	A536 65-45-12
Cover	Cast Iron	ASTM A126-B
Eye Bolt	Steel	ASTM A307-A
Disc Nut	Steel	ASTM A307-A
Gasket	Non-Asbestos	
Hex.Head Bolt	Steel	ASTM A307-A
Hexagon Nut	Steel	ASTM A307-A

● Note: Both vertical and horizontal installation with upward flow.



**Dimensions (mm / Inch)**

Valve Size	65mm / 2-1/2"		80mm / 3"		100mm / 4"		150mm / 6"		200mm / 8"		250mm / 10"		300mm / 12"	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
L	/	/	241.3	9-1/2	292.1	11-1/2	355.8	14	495.3	19-1/2	622.3	24-1/2	698.5	27-1/2
H	/	/	194	7-5/8	214	8-7/16	258	10-5/32	312	12-9/32	352	13-27/32	389	15-5/16

■ Note: Design and materials are subject to change without notice.