

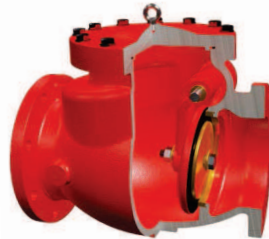
AWWA Check Valve

Statement

Check valves serve to prevent the backflow of medium in the piping system for protection of important equipments, widely used in the field of potable water, water supply and drainage, sewage disposal, irrigation, air conditioning, fire protection as well as chemical and energy industry.

Features

- Material:** Ductile Iron ASTM A536, 65-45-12
Valve body, bonnet, disc are all produced in ductile iron material which provides guarantee for high strength and good corrosion resistance.
- Fusion Bonded Epoxy Coating**
Fusion bonded epoxy coating in accordance with ANSI/AWWA C550 for both interior and exterior surface which provides reliable corrosion resistance.
- Small Hydraulic Friction Loss with Reasonable Structure Design**



- Body & Bonnet: Ductile Iron
- Disc: D.I.+EPDM or D.I. + Bronze or Stainless Steel Sealing
- Bronze or Stainless Steel Seat
- Fusion Bonded Epoxy Coating



H44X2
Swing Check Valve
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H44X
Swing Check Valve
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H44XW
Swing Check Valve with Weight & Lever
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H84X
Grooved Resilient Swing Check Valve
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H44J
Rubber Disc Swing Check Valve
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HC41X
Silent Check Valve
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DH77X
Double Door Wafer Check Valve
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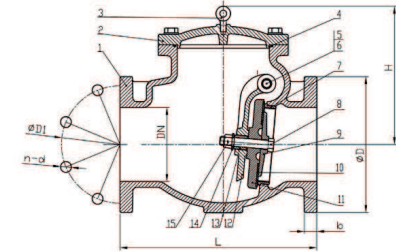
AWWA C508 Swing Check Valve (H44X2), 300PSI, FM Approved



H44X2



- Connection Ends: Flange to ASME B16.1
- Working Pressure: 300PSI
200PSI and 250PSI available upon request
- Temperature Range: 0 °C - 80 °C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve Body	ASTM A536, 65-45-12	
2	Bonnet	ASTM A536, 65-45-12	
3	Eye Bolt	Carbon Steel Zinc Plated	
4	O-Ring	NBR	EPDM
5	Hinge Pin	AISI 304	
6	Hinge Bushing	Brass ASTM B36	
7	Seat Ring	Bronze ASTM B62 (Pressed Fit)	AISI 304, AISI 316 Pressed Fit or Threaded
8	Disc Seat Bolt	AISI 304	
9	Retainer Washer	Bronze ASTM B62	
10	Disc Sealing Ring	EPDM	AISI 304, AISI 316, Bronze ASTM B62
11	Disc	ASTM A536, 65-45-12	
12	Clapper Arm	ASTM A536, 65-45-12	
13	Stud Bushing	Brass ASTM B36	
14	O-Ring	NBR	EPDM
15	Nut	AISI 304	AISI 316

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.

DN		Dimensions(mm)					
Inch	mm	L	D	D1	b	n-φd	H
2"	50	203	152	120.5	16	4-φ19.1	133
2.5"	65	254	178	139.5	17.5	4-φ19.1	150
3"	80	278	191	152.5	19	4-φ19.1	243
4"	100	330	229	190.5	24	8-φ19.1	284
6"	150	406	279	241.5	25.5	8-φ22.2	290
8"	200	495	343	298.5	28.5	8-φ22.2	330
10"	250	622	406	362	30.5	12-φ25.4	350
12"	300	660	483	432	32	12-φ25.4	376