SWING CHECK VALVE

Type: H44X2 Doc No: DS-902- H44X2-01-E-S

1.0 PRODUCT OVERVIEW

The swing check valve is an automatic valve type, which is mainly used for the one-way flow of the medium, and only allows the medium to flow in one direction to prevent accidents.



H44X2

Dimensions:

2"(DN50)-12" (DN300)

Design Standard:

BS EN 16767

Connection Standard:

BS EN 1092-2

Working Pressure:

PN16, PN10

Application:

Suitable for drinking water, water supply and drainage, sewage treatment, irrigation, air conditioning, and other pipeline systems and chemical, energy and other industries

Pipe Material:

Connecting flanged pipes in accordance with British Standard BS EN 1092-2 PN16

Surface Treatment:

Sign Off:

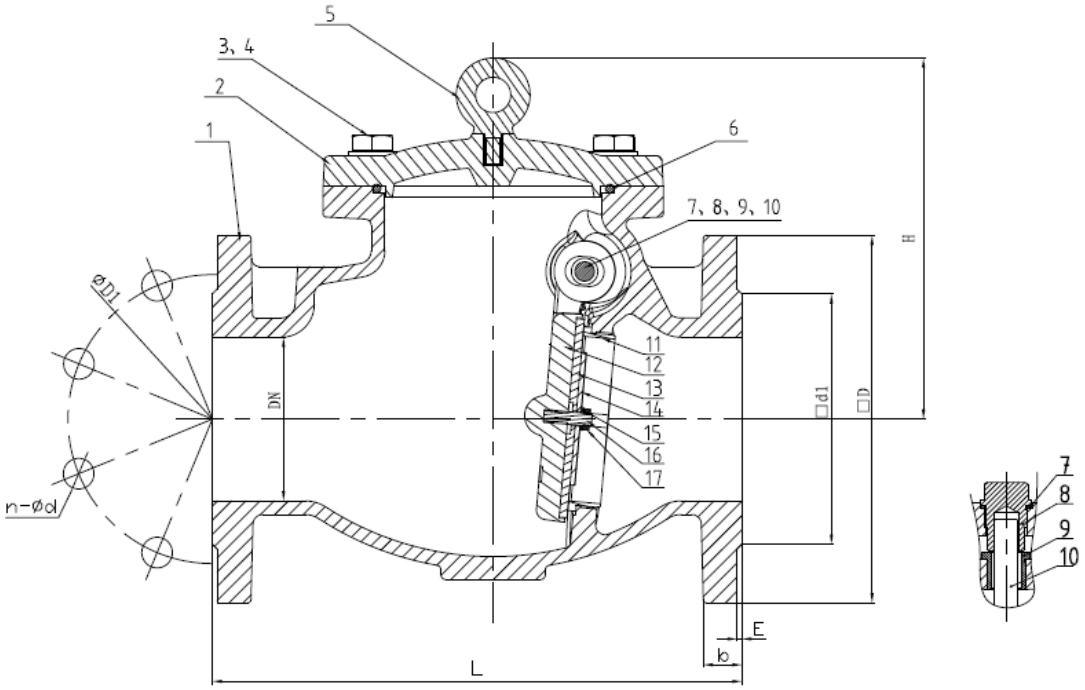
Owner: _____ Contractor: _____ Engineer: _____

Location: _____ Date: _____ Approved & Date: _____

☐Epoxy power painting (color numbers as RAL3000, RAL3001, RAL3016,etc)
☐Painting (color numbers as RAL3000, RAL3001, etc)
☐Others would be available upon clients' detailed request

2.0 SPECIFICATIONS

Product Sketch:



Part No.	Part	Standard Specification	Options
1	Body	EN-GJS-450-10	
2	Bonnet	EN-GJS-450-10	
3	Bolts	Carbon Steel Zinc Plated	Stainless Steel
4	Washer	Carbon Steel Zinc Plated	Stainless Steel
5	Eye Bolt	Carbon Steel Zinc Plated	
6	O Ring	NBR	EPDM
7	Washer	PTFE	
8	Plug	Stainless Steel 304	
9	Hinge bushing	CW617N BRASS	
10	Hinge Pin	Stainless Steel 420	
11	Seat Ring	C83600 tin bronze	
12	Disc	EN-GJS-450-10	
13	Disc Sealing Ring	EPDM	NBR

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14	Plate	Stainless Steel 420 (DN50-DN100) EN-GJS-450-10 (DN125-DN300)	
15	Spring Washer	Stainless Steel 304	
16	Bolt	Stainless Steel 304	
17	Nut	Stainless Steel 304	

3.0 DIMENSIONS AND PERFORMANCE

3.1 Dimensions

DN		PN	尺寸(mm)							
mm	inch		L	D	D1	d1	B	E	H	n-φd
50	2"	10/16	203	165	125	99	19	3	133	4-φ19
65	2 1/2"	10/16	216	185	145	118	19	3	150	4-φ19
80	3"	10/16	241	200	160	132	19	3	150	8-φ19
100	4"	10/16	292	220	180	156	19	3	218	8-φ19
125	5"	10/16	330	250	210	184	19	3	245	8-φ19
150	6"	10/16	356	285	240	211	19	3	290	8-φ23
200	8"	10	495	340	295	266	20	3	355	8-φ23
		16								12-φ23
250	10"	10	622	405	350	319	22	3	420	12-φ23
		16			355					12-φ28
300	12"	10	698	460	400	370	24.5	4	465	12-φ23
		16			410					12-φ28

3.2 Strength

3.2.1 Shell test: 1.5 times rated working pressure
sealing test: 1.1 times rated working pressure.
3.2.2.Working environment
Maximum working temperature 80 ° C
Use medium water

4.0 REFERENCE MATERIALS

I-JM-Alarm valves: Installation Instructions for Swing Check Valve

Sign Off:
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