



JAINSONS INDUSTRIES

Ductile Iron Valves (UL & FM Listed)
Y-Type Strainer (UL Listed)



Listed



Approved

CATALOGUE



Test & Drain Valve
(FM listed)





D.I. Valves



Brass Ball Valves



Brass Ball Valves



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EN331
ApprovedAN ISO 9001 : 2015
CERTIFIED CO.

Certificates

FM Certificate For Gate Valve



FM Certificate For Check Valve



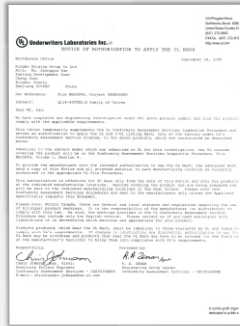
FM Certificate For Butterfly Valve



FM Certificate For Water Control Valve



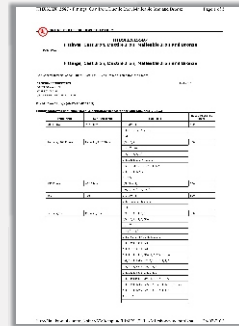
UL Certificate For Brass Valves



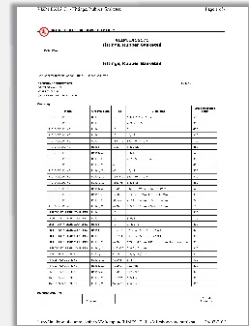
FM Certificate For Brass Valves



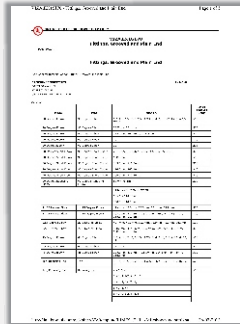
UL Certificate For Threaded Fittings



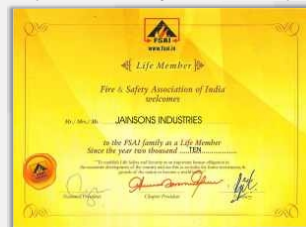
UL Certificate Grooved With Gasket



UL Certificate Grooved Without Gasket



Fire & Security Association of India (Membership Certificate)



Fire & Security Association of India (Membership Certificate)



Vendor Registration with SAIL



Registration Certificate with NSIC



Approval Certificate from CIDCO



BIS/ISI Licence



EN331 Certificate





D.I. Valves



Brass Ball Valves



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About Us

We use this opportunity to introduce ourselves as a **50+ year old leading Manufacturer & Supplier** of G.I. Pipe Fittings & Brass Valves for **Water Supply, Plumbing, Fire Fighting & Gas** with **UL/FM approval**.

Our product range includes:

- ◆ **DI Gate / Butterfly / Check Valves, UL FM Listed**

Jainsons UL FM listed Valves are not only of **high quality and effective prices but also are readily available** which makes it ideal choice for all project owners/contractors. We have **ZERO Failure** record with our valves and have been in market for last 10+ years with **100s of happy customers**. Our range includes, Gate Valves, Butterfly Valves, Check Valves, Strainers from 2" – 16" along with option of UL FM Listed Supervisory Switches with **Pressure Rating PN16/20/25**.

Also Include

- ◆ **DI Threaded Fittings UL FM Listed**
- ◆ **DI Grooved Fittings UL FM Listed**
- ◆ **GI Threaded Fittings as per IS:1879 (For Plumbing & Gas)**
- ◆ **Butt Welded Fittings (ERW / SEAMLESS) & Flanges.**
- ◆ **Brass Valves like Ball Valve, Check Valve, Air Vent Valve etc**



Mission

- ◆ To our customer, we are committed to provide world standard products maintaining reasonable liquidity to fulfill our financial obligations to them.
- ◆ To our employees, we are committed to provide a dynamic developmental environment for achieving personal excellence & growth & thereby creating a highly motivate work force with a sense of belongingness to the organization.
- ◆ To the society, we are committed to being a responsible corporate citizen by following our obligations to the society at large & also by maintaining high level of safety measure in our products.



Brass Ball Valves



D.I. Valves



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LIST OF PROJECTS

(Undertaken by JAINSONS INDUSTRIES in last few years)

METRO

- Delhi Metro
- Bangalore Metro
- Chennai Metro
- Lucknow Metro
- Konkan Railway Ltd., Reasi

AIRPORTS

- Aspen Build tech, IGI Airport, Dial Aerocity, New Delhi
- **Rajeev Gandhi International Airport** Hyderabad, A.P
- **Ranchi Airport**, Jharkhand
- Raja Bhoj Airport, Bhopal
- Hindon Air Force Station

FACTORY & PLANTS

- AMP Motors at MCIE, Delhi
- Anchor logistics private limited, Bangalore
- Anmol Spintex Pvt. Ltd., Kalol, Gandhinagar
- Ashirwad Pipes Pvt. Ltd., Bangalore
- **Bayer Crop Science Ltd.**, Thane
- **BMW India Pvt. Ltd.**, Kancheepuram
- **Bosch India Ltd.**, Ramnagar
- Caterpillar (I) Pvt. Ltd., Chennai
- **Colgate Palmolive (India) Ltd.**, (A.P)
- Cookson India Pvt. Ltd., Chennai
- **Crompton Greaves Ltd.**, Chattisgarh
- Crystal Crop Protection Private Limited, Sonapat
- DIC India Ltd, Bangalore
- **Force Motors Ltd.**, Tamilnadu
- **Ford India Pvt. Ltd.**, Ahmedabad
- **GE India Ind. Pvt. Ltd.**, Pune
- Glaxo Smith Kline Pharma, Kolar by Shimizu Corp.
- Hariharan Foundations(P) Ltd., Kanchipuram
- Hima Ceramics, Rajkot
- **HLL Biotech Ltd.**, Kancheepuram
- **ITC Food Factory**, Karnataka
- ITC Filtrona Ltd., Bangalore
- **JK Tyre Industries Ltd.**, Tamilnadu
- **John Deere India Pvt. Ltd.**, Madhya Pradesh
- **Johnson & Johnson Ltd.**, Arena Space, Mumbai
- **Kellogg India Pvt. Ltd.**, Chittoor
- Kohler India Corporation Pvt. Ltd., Pune
- Kool Solutions India Pvt Ltd, Talaja
- Durr, Chennai
- Magneti Marelli Powertrain India (P) Ltd, Gurgaon
- Man Trucks India Pvt. Ltd., Madhya Pradesh
- **Michelin India Tamilnadu Tyres Pvt. Ltd.**, Mohan Mutha Poytech Pvt. Ltd., Chittoor
- Magneti Marelli Powertrain India (P) Ltd, Gurgaon
- Nivia, Sanand
- **Noida City Centre**, Noida
- **Nokia India Pvt. Ltd.**, Sriperumpudur, chennai
- **Pepsico India Holdings Pvt. Ltd.**, Ranjangaon, Pune
- **Pfizer Testing Lab**, New Delhi
- **Renault Nissan Automotive India Pvt. Ltd.**, Tata Steel, Kalinganagar
- **Toshiba**, Chennai
- **Volkswagen India Private Limited**, pune

HOTELS

- Bhutan Hotels, Thimpu Bhutan
- EROS Group's Five Star Hotels in NCR Region
(i) Holiday INN (ii) Mayur Vihar
- **Holiday INN**, Delhi
- Hotel Dan, Bangalore
- Hotel Formula-I, Hyderabad
- Hotel Park Plaza, Zirakpur
- ITC's Today Hotel Project in Bengaluru & Delhi
- **Marriot Hotel**, Chandigarh
- Pullman Hotel, IGI Airport, New Delhi
- Seven Seas Hotel
- Sheraton Hotel, Chandigarh
- Westin Hotel, Gurgaon
- **JW Marriot, Aerocity**, New Delhi
- Pride Hotel, New Delhi
- Barque Hotel Pvt. Ltd., Chennai
- Lulu Grand Hyatt Hotel & Convention Centre, COCHIN
- The Oberoi Sukhvilas Resort, Chandigarh

COMMERCIAL / INSTITUTIONS

- **Adobe System India Pvt. Ltd.**, Noida
- Appu Ghar, Gurgaon by International Amusement Limited
- ASF Towers, Gurgaon
- Barco India, Noida
- Bestech Group, Gurgaon
- **Bharti Retail Ltd.**, Hapur
- Chhaya Centre Thamel, Nepal
- CTRLS Data Centers Ltd., NOIDA
- **Cummins Technology**
- **Dell International**, Noida
- GB Formula 1 racing Circuit, Greater Noida
- Global Foyer Mall, gurgaon
- **Godrej Properties**, Noida
- Golden Temple
- HBN Suncity, Bathinda
- **Hiranandani Lighthall**, Chandivli
- **Hostel Bldg - 10 & Gymkhana Building at IIT Complex**, Mumbai
- **IBM India Pvt. Ltd.**, Navi Mumbai
- **India Bulls**, Gurgaon
- Indian Express Towers, Mumbai
- Indian Institute of Technology, Indore
- Indospace Industrial & Logistic Park, Kancheepuram
- **Infosys Limited**, Chandigarh
- JMD SUBURIO, Gurgaon
- Logix park, Noida
- Magnum Tower, Gurgaon
- Meenakshi Technova, Gachibowli
- One BKC, Mumbai
- Siyat Property Pvt. Ltd., Gurgaon
- Spire Tec, Noida
- Star Court, Noida
- Sukham Tower, Bhiwadi
- **Tata Communications**, Delhi
- **Tata Consultancy Services** – Thane
- Tech Park, Delhi
- Tril Infopark Ltd., Chennai
- **Vodafone**, Mumbai
- **Wipro Group**, Gurgaon

BANKS & MALLS

- Barclays Shared Services Pvt. Ltd., Chennai
- Lakshmi Villas Bank Ltd., Chennai
- RBS - Royal Bank of Scotland, Gurgaon
- R.D.E Mall, Gurgaon
- SLN Terminus, Hyderabad

POWER PROJECTS

- Abir Infrastructure Pvt. Ltd., Chhattisgarh
- Coming Technologies, Pune
- KSK Power projects, Champ, Chhattisgarh
- Larsen & Toubro, Jabalpur
- NTPC limited, Bihar
- Power Grid Corp of India Ltd., (thru Alstom T&D) Aurangabad
- Power Grid Corp. of India Ltd. (Thru L&T), Jind
- Power Grid Corp. of India Ltd., (thru ABB india) Solapur
- Power Grid Corp. of India Ltd.,(Thru Alstom T&D) Wardha
- Power Grid Corp. of India Ltd.,(thru CGL) Jammu
- Power Grid Corp. of India Ltd.,(thru CGL) Ludhiana
- Reliance Power Projects, Samalkot
- Suratgarh Super Thermal Power Station, Suratgarh
- Talwandi Sabo Power Ltd., Mansa (Pb.)
- Unosugen, Surat

RESIDENTIAL

- 1517-IREO Victory Valley, Gurgaon
- 3C Lotus Zing, Noida
- Amrapali Silicon City, Noida
- Amrapali Eden Park, Noida
- Amrapali Princeley, Noida
- Cardinal - Thane by Hiranandani
- CHD Developers Ltd., Golf Avenue Proj., Gurgaon
- **DLF Crest**, Gurgaon
- Emerald Bay, Gurgaon by Puri Constructions
- Enigma at India Bulls, Gurgaon
- Forum Homes Private Limited, Mumbai
- **Godrej Summit**, Gurgaon
- Green Square Building, Thane
- **Hamilton Heights**, Faridabad
- Hiranandani Heritage, Kandivali Mumbai
- Hiranandani Lake Verandahs, Bangalore
- Hiranandani Zen Atlantis, Powai
- Hiranandani Garden Blue Bell, Mumbai
- Hiranandani Heritage Estonia, Thane
- Hiranandani Hill Crest, Bangalore
- Hiranandani Lavinia - A & B Building & Basement,
- Hiranandani Rodas Enclave Woodville, Thane
- Hiranandani The Walk Castalia & Fortuna, Thane
- Jagran Developers Pvt. Ltd., Haryana
- Jaypee Green Kosmos, Noida
- Jaypee Arena, Noida
- Kosmos Tower, Noida
- **M3M Woodshire Project**, Gurgaon
- **Prateek Stylome**, Noida
- **Raheja Exotica Sorento**, Mumbai
- **Tata Housing Development Co., Gurgaon**
- **Unitech Ltd. Delhi**



D.I. Valves

ZHIQING
Brass Ball ValvesJSI
Brass Ball Valves

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RANGE OF PRODUCTS



D.I. OS & Y Resilient Gate Valve



Grooved OS & Y Resilient Gate Valve



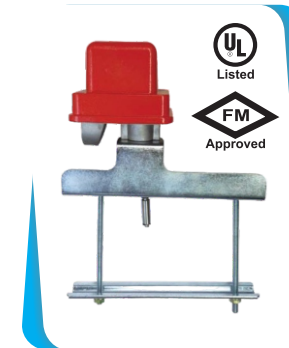
D.I. NRS Resilient Gate Valve



**Flanged Resilient NRS
Gate Valve With Post Flange**



Vertical Indicator Post (IP)



**Supervisory Switch for OS & Y
Resilient Gate Valve**



D.I. NRS Resilient Gate Valve



**Wafer Butterfly Valve
With Temper Switch**



**Grooved Butterfly Valve
With Temper Switch**



D.I. Wafer Butterfly Check Valve



Double Door Wafer Check Valve



**Supervisory Switch for OS & Y
Resilient Gate Valve**

RANGE OF PRODUCTS



Grooved Resilient Swing Check Valve



Flanged Y-Type Strainer (PN-20)



**Flanged Y-Type Strainer (V4)
PN 10/16, UL Listed**



Test & Drain Valve



Pressure Reducing Valve



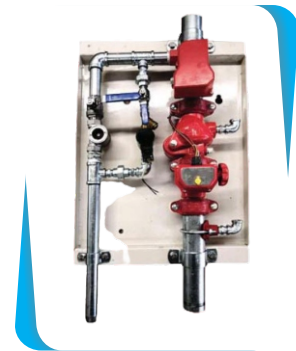
Flanged Wet Alarm Valve



Deluge Alarm Valve



Zone Control Valve Assembly



Zone Control Valve Assembly



Zone Control Valve Assembly



Zone Control Valve Assembly



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BS 5163 Flanged Resilient (OS&Y Type) Gate Valves (XZ41X) PN10/PN16 (UL/FM Approved)



XZ41X

- Connection Ends Flange to BS EN 1092-2:1997
- Working Pressure PN10/16
- Temperature Range 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



Listed

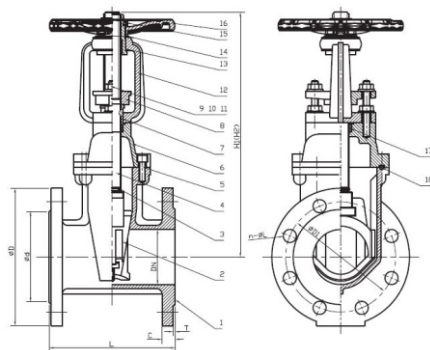


Approved

NSF/ANSI 61 NSF/ANSI 372

XZ41X-1
With Supervisory switch

Material Specification



Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Resilient Wedge Disc	EN-GJS-450-10+EPDM	EPDM
3	O-Ring	NBR	SS304, SS315, SS420, SS431
4	Stem	Stainless Steel	SS304, SS316
5	Bolt	Carbon Steel Zinc Plated	
6	Bonnet	EN-GJS-450-10	
7	Stem Bushing	Brass Hpb59-1	
8	Gland	EN-GJS-450-10	SS304, SS316
9	Flat Washer	Carbon Steel Zinc Plated	SS304, SS316
10	Stud	Carbon Steel Zinc Plated	SS304, SS316
11	Nut	Carbon Steel Zinc Plated	
12	Yoke	EN-GJS-450-10	
13	Stem Nut	Brass Hpb59-1	
14	Washer	Brass Hpb59-1	
15	Locknut	Carbon Steel Zinc Plated (Type A) Not Available (Type B)	Pressed Steel
16	Handwheel	EN-GJS-450-10	NBR
17	Stem Packing	EPDM	NBR
18	Bonnet Gasket	EPDM	

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

DN		PN	Dimensions (mm)										
INCH	mm		L	Type A		Type B		D	D1	d	C	T	n - ØL
				H1 (Close)	H2 (Open)	H1 (Close)	H2 (Open)						
2"	50	10/16	178	323	373	348	400	165	125	99	19	3	4 - Ø19
2.5"	65	10/16	190	343	408	373	440	185	145	118	19	3	4 - Ø19
3"	80	10/16	203	370	450	408	490	200	160	132	19	3	8 - Ø19
4"	100	10/16	229	442	542	471	573	200	180	156	19	3	8 - Ø19
5"	125	10/16	254	541	665	541	665	250	210	184	19	3	8 - Ø23
6"	150	10/16	267	608	758	593	743	285	240	211	19	3	8 - Ø23
8"	200	10	292	720	920	774	975	340	295	266	20	3	8 - Ø19
		16											12 - Ø23
10"	250	10	330	940	1190	940	1190	405	350	319	22	3	12 - Ø23
		16							355				12 - Ø28
12"	300	10	356	1065	1370	1065	1370	480	400	370	24.5	4	12 - Ø23
		16							410				12 - Ø28
14"	350	10	381	1415	1780	1415	1780	516	460	429	26.5	4	16 - Ø23
		16							470				16 - Ø28
16"	400	10	406	1385	1790	1385	1790	575	515	480	28	4	16 - Ø28
		16							525				16 - Ø31
18"	450	10	432	1835	2290	1835	2290	635	565	530	30	4	20 - Ø28
		16							585				548
20"	500	10	457	1830	2380	1830	2380	710	620	582	31.5	4	20 - Ø28
		16							650				609
24"	600	10	508	2030	2830	2030	2830	836	725	682	36	5	20 - Ø31
		16							770				720



D.I. Valves



Brass Ball Valves



Brass Ball Valves



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Flanged Resilient (OS&Y Type) Gate Valves (XZ41X) PN20 (UL/FM Approved)



XZ41X

- Connection Ends: Flange to ASME B16.1 CL 125
- Working Pressure: 300PSI
200PSI AND 250PSI available upon request
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating Complies with
ANSI/AWWA C550



Listed



Approved

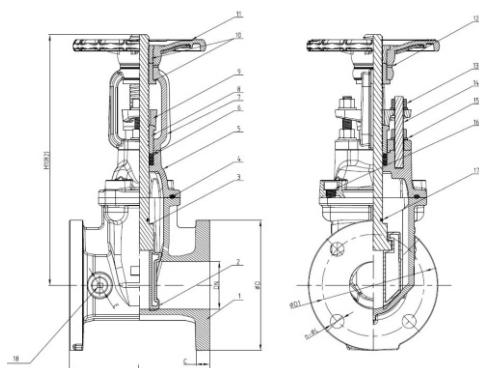
NSF/ANSI 61 NSF/ANSI 372



XZ41X-1

With Supervisory switch

Material Specification



Part No.	Part	Standard Specification	Options
1	Valve Body	ASTM A536, 65-45-12	
2	Resilient Wedge Disc	ASTM A536, 65-45-12+EPDM	
3	Stem	AISI 420	AISI 304, AISI 316, AISI 431, Al-bronze
4	Bonnet Gasket	EPDM	NBR
5	Bonnet	ASTM A536, 65-45-12	
6	Packing	EPDM	
7	Yoke	ASTM A536, 65-45-12	
8	Stem Bushing	Brass Hpb59-1	
9	Gland	ASTM A536, 65-45-12	
10	Stem Nut	Brass Hpb59-1	Bronze ZQSn5-5-5
11	Handwheel	ASTM A536, 65-45-12	Pressed Steel
12	Washer	Brass Hpb59-1	
13	Gland Nut	Carbon Steel Zinc Plated	AISI 304, AISI 316
14	Stud	Carbon Steel Zinc Plated	AISI 304, AISI 316
15	Flat Washer	Carbon Steel Zinc Plated	AISI 304, AISI 316
16	Bolt	Carbon Steel Zinc Plated	AISI 304, AISI 316
17	O-Ring	NBR	EPDM
18	Plug	C89833	

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

Size : 2" - 5" With 1 Pc of 1/2" bronze NPT tapping plug size 6"-12" with 1 Pc of 3/4" bronze NPT tapping plug

DN		Dimensions (mm)						
INCH	mm	L	H1 (Close)	H2 (Open)	D	D1	C	n - ØL
2"	50	178	348	400	152	120.7	16.0	4 - Ø19.1
2.5"	65	190	373	440	178	139.7	17.5	4 - Ø19.1
3"	80	203	408	490	191	152.4	19.1	4 - Ø19.1
4"	100	229	471	573	229	190.5	19.1	8 - Ø19.1
5"	125	254	541	665	254	215.9	19.1	8 - Ø22.2
6"	150	267	601	755	279	241.3	19.1	8 - Ø22.2
8"	200	292	774	975	343	298.5	22.2	8 - Ø22.2
10"	250	330	939	1193	406	362.0	23.8	12 - Ø25.4
12"	300	356	1055	1370	483	431.8	25.4	12 - Ø25.4
14"	350	381	1415	1780	528	476.3	25.4	12 - Ø28.6
16"	400	405	1385	1790	592	539.8	25.4	16 - Ø28.6
18"	450	432	1835	2290	635	577.9	25.4	16 - Ø31.8
20"	500	457	1830	2390	710	635	28.6	20 - Ø31.8
24"	600	508	2030	2830	836	749.3	30.1	20 - Ø34.9



D.I. Valves



ZHIQING



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Grooved Resilient OS&Y Type Gate Valve

(RXZ81X) PN10/PN16 (UL/FM Approved)

**RXZ81X**

- Connection Ends: Groove to ISO 6182
- Working Pressure: PN10/16
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550 or painting upon request.



Listed



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Material Specification

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Resilient Wedge Disc	EN-GJS-450-10+EPDM	
3	O-Ring	NBR	EPDM
4	Stem	Stainless Steel	SS304, SS316, SS420, SS431
5	Nut	Carbon Steel Zinc Plated	SS304, SS316
6	Bonnet	EN-GJS-450-10	
7	Stem Bushing	Brass Hpb59-1	
8	Gland	EN-GJS-450-10	
9	Flat Washer	Carbon Steel Zinc Plated	SS304, SS316
10	Stud	Carbon Steel Zinc Plated	SS304, SS316
11	Nut	Carbon Steel Zinc Plated	SS304, SS316
12	Yoke	EN-GJS-450-10	
13	Stem Nut	Brass Hpb59-1	Bronze ZQSn5-5-5
14	Washer	Brass Hpb59-1	
15	Locknut	Carbon Steel Zinc Plated	
16	Handwheel	EN-GJS-450-10	Pressed Steel
17	Stem Packing	EPDM	NBR
18	Bonnet Gasket	EPDM	NBR

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

DN		Dimensions (mm)						
INCH	mm	L	H1 (Close)	H2 (Open)	OD	d	A	B
2"	50	178	323	373	60.3	57.15	15.88	7.92
2.5"	65	190	343	408	73	69.09	15.88	7.92
2.5"	65	190	343	408	76.1	72.26	15.88	7.92
3"	80	203	370	450	88.9	84.94	15.88	7.92
4"	100	229	442	542	114.3	110.08	15.88	9.52
5"	125	254	541	665	139.7	135.48	15.88	9.52
5"	125	254	541	665	141.3	137.03	15.88	9.52
6"	150	267	608	758	159.0	154.50	15.88	9.52
6"	150	267	608	758	165.1	160.90	15.88	9.52
6"	150	267	608	758	168.3	163.96	15.88	9.52
8"	200	292	720	920	219.1	214.40	19.05	11.13
10"	250	330	939	1193	273.0	268.28	19.05	12.70
12"	300	356	1065	1370	323.9	318.29	19.05	12.70



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Brass Ball Valves



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BS Flanged Resilient NRS Gate Valve (Z45XC) PN10/PN16 (UL/FM Approved)



- Connection Ends: Flange to BS EN 1092-2:1997
- Working Pressure: PN10/16
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



Listed



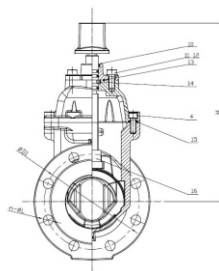
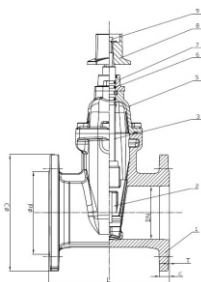
Approved

NSF/ANSI 61 NSF/ANSI 372

Material Specification

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Resilient Wedge Disc	EN-GJS-450-10+EPDM	
3	Stem	Stainless Steel	SS304, SS316, SS420, SS431
4	Bolt	Carbon Steel Zinc Plated	SS304, SS316
5	Bonnet	EN-GJS-450-10	
6	O-Ring	NBR	
7	Gland	EN-GJS-450-10	
8	Stem Cap	EN-GJS-450-10	
9	Bolt	Carbon Steel Zinc Plated	SS304, SS316
10	Ring Wiper	EPDM	NBR
11	Bolt	Carbon Steel Zinc Plated	SS304, SS316
12	Flat Washer	Carbon Steel Zinc Plated	SS304, SS316
13	O-Ring	NBR	EPDM
14	Washer (TypeA) Axis Guide (TypeB)	Brass Hpb59-1	
15	Bonnet Gasket	EPDM	NBR
16	Wedge Nut	Brass Hpb59-1	Bronze ZQSn5-5-5

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



Z45X



Z45X-1



XZ45X-1



XZ45X-1



XZ45X-2

DN		PN	Dimensions (mm)								
INCH	mm		L	H TypeA	TypeB	D	D1	d	C	T	n-d
2"	50	10/16	178	241	279	165	125	98	19	3	4 - Ø19
2.5"	65	10/16	190	255	297	185	145	118	19	3	4 - Ø19
3"	80	10/16	203	304	323	200	160	132	19	3	8 - Ø19
4"	100	10/16	229	337	376	200	180	156	19	3	8 - Ø19
5"	125	10/16	254	404	404	250	210	184	19	3	8 - Ø19
6"	150	10/16	267	436	457	285	240	211	19	3	8 - Ø23
8"	200	10	292	443	557	340	295	266	20	3	8 - Ø23
		16									12 - Ø23
10"	250	10	330	541	641	405	350	319	22	3	12 - Ø23
		16									12 - Ø28
12"	300	10	356	743	743	460	400	370	24.5	4	12 - Ø23
		16									12 - Ø28
14"	350	10	381	1364	928	520	460	429	26.5	4	16 - Ø23
		16									16 - Ø28
16"	400	10	406	1364	928	580	515	480	28	4	16 - Ø28
		16									16 - Ø31
18"	450	10	432	1364	1165	640	565	530	30	4	20 - Ø28
		16									20 - Ø31
20"	500	10	457	1364	1188	715	620	582	31.5	4	20 - Ø28
		16									20 - Ø34
24"	600	10	508	1364	1364	840	725	682	36	5	20 - Ø28
		16									20 - Ø37



D.I. Valves



Brass Ball Valves



Brass Ball Valves



Listed



Approved



Approved

EN331

Approved

AN ISO 9001 : 2015
CERTIFIED CO.

BS Flanged Resilient NRS Gate Valve with Post Flange (Z45XC-2) PN10/PN16 (UL/FM Approved)



Z45XC-2

- Connection Ends: Flange to BS EN 1092-2:1997
- Working Pressure: PN10/16
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550



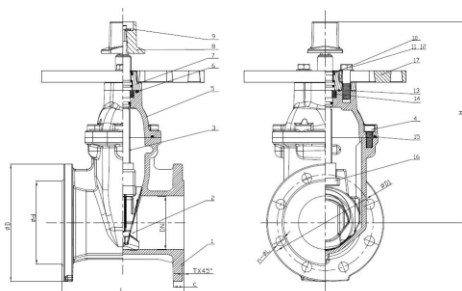
Listed



Approved

Material Specification

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Resilient Wedge Disc	EN-GJS-450-10+EPDM	
3	Stem	Stainless Steel	SS304, SS316, SS420, SS431
4	Bolt	Carbon Steel Zinc Plated	SS304, SS316
5	Bonnet	EN-GJS-450-10	
6	O-Ring	NBR	EPDM
7	Gland	EN-GJS-450-10	
8	Stem Cap	EN-GJS-450-10	
9	Bolt	Carbon Steel Zinc Plated	SS304, SS316
10	Ring Wiper	NBR	
11	Bolt	Carbon Steel Zinc Plated	SS304, SS316
12	Flat Washer	Carbon Steel Zinc Plated	SS304, SS316
13	O-Ring	NBR	EPDM
14	Thrust Washer	Brass HPb59-1 (Type A) Not Available (Type B)	
15	Bonnet Gasket	EPDM	NBR
16	Wedge Nut	Brass HPb59-1	Bronze ZQSn5-5-5
17	Post Flange	EN-GJS-450-10	



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

DN		PN	Dimensions (mm)								
INCH	mm		L	H		D	D1	d	C	T	n-d
				TypeA	TypeB						
4"	100	10/16	229	347	395	220	180	156	19	3	8-Φ19
5"	125	10/16	254	432	432	250	210	184	19	3	8-Φ19
6"	150	10/16	267	443	475	285	240	211	19	3	8-Φ23
8"	200	10	292	518	585	340	295	266	20	3	8-Φ23
		16									12-Φ23
10"	250	10	330	656	656	405	350	319	22	3	12-Φ23
		16					355				12-Φ28
12"	300	10	356	751	751	460	400	370	25.4	4	12-Φ23
		16					410				12-Φ28
14"	350	10	381	952	952	520	460	429	26.5	4	16-Φ23
		16					470				16-Φ28
16"	400	10	406	952	952	580	515	480	28	4	16-Φ28
		16					525				16-Φ31

Vertical Indicator Post (IP) (UL FM Approved)



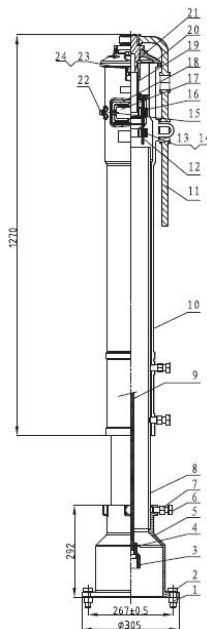
IP

- **Statement:**
Vertical indicator post provides a means to operate a buried or otherwise inaccessible valve and able to indicate the open or shut position of the valve.
- **Coating:**
Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C.550



MATERIAL SPECIFICATION

Part No.	Part	Standard Specification
1	Hex NUT	Carbon Steel Zinc Plated
2	Hex Bolt	Carbon Steel Zinc Plated
3	Socket	ASTM A536, 65-45-12
4	Cotter Pin	Ss304
5	Base Flange	ASTM A536, 65-45-12
6	Hex Bolt	Carbon Steel Zinc Plated
7	Hex Nut	Carbon Steel Zinc Plated
8	Standpipe	Carbon Steel ASTM A53
9	Stem 1" Square	Carbon Steel AISI 1045
10	Body	ASTM A536, 65-45-12
11	Locking Wrench	ASTM A536, 65-45-12
12	Target Carrier Nut	SS304 (SIZE: 100-400) Brass HPb59-1 (SIZE: 450-600)
13	Hex Bolt	Carbon Steel Zinc Plated
14	Hex Nut	Carbon Steel Zinc Plated
15	Hex Bolt	Carbon Steel Zinc Plated
16	Instructs the plate	ASTM A536, 65-45-12
17	Window Class	Plexiglass
18	Gasket	EPDM
19	Operating NUT	SS304
20	Top Section	ASTM A536, 65-45-12
21	Snap Ring	Stainless Steel AISI1066
22	Plug	Malleable iron Galvanized
23	Square Nut	Carbon Steel Zinc Plated
24	Hex Bolt	Carbon Steel Zinc Plated



Field Adjustment :

1. Remove the Top Section from the top of the Indicator Post assembly
2. Cut the required stem length and adjust the Standpipe to match upto the ground line.
3. Set the "OPEN" and "SHUT" targets for the appropriate valve size.
4. Reattach the Top Section to the top of the Indicator Post assembly.

Supervisory Switch for OS&Y Gate Valve (MXHQ)



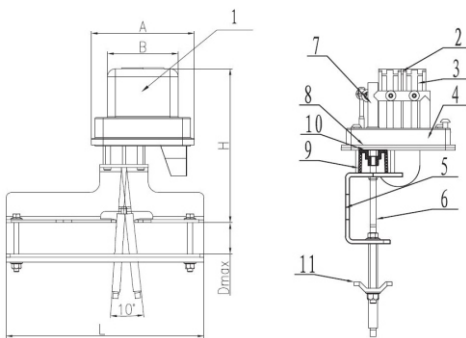
MXHQ



- **Service Environment:** Indoor or Outdoor use, all parts have corrosion resistant finishes.
- **Temperature Range:** 0°C - 80°C
- **Cover Tamper:** Tamper Resistant Screws Optional Cover Tamper Switch Available.
- **Electrical Ratings:** 15 Amps at 125/250VAC
- **Appliance Standards:** NFPA-13, NFPA-13D
NFPA-13R, NFPA-72
- **Statement:** The Model MXHQ Supervisory Switch is used to monitor the open or close status of an OS&Y (outside screw and yoke) type gate valve. There are two sizes, the model MXHQ D50 serves the OS&Y Gate valves ranging in size from 2"-16" (50mm - 400mm), the other model MXHQ D450 is fit for the OS&Y Gate valves ranging in size from 18" - 24" (450mm - 600mm).

Material Specification

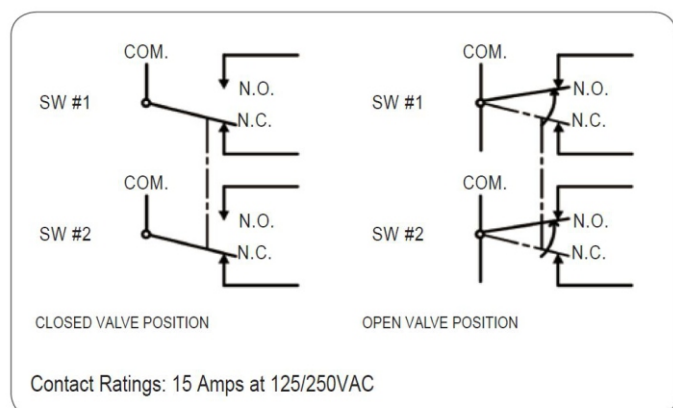
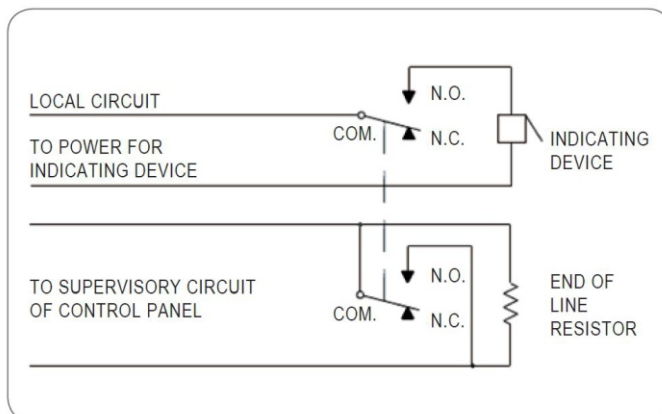
Part No.	Part	Standard Specification	Options
1	Outer Shell	ADC12	
2	Brace	Carbon Steel Q235	SS304, SS316
3	Micro Switch		
4	Base	ADC12	
5	Connection Plate	Carbon Steel Q235	SS304, SS316
6	Driving Lever	SS304	SS316
7	Axis	Nylon	
8	Sealing Gasket	CR Foam Cotton	
9	Pressing Sleeve	PTFE	
10	Rubber Ring	EPDM	
11	Clamp Plate	Carbon Steel Q235	



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

DN		Dimensions (mm)				
INCH	mm	A	B	H	L	Dmax
2"-16"	50-400	99	68	148	200	4 - Ø19.1
18"-24"	450-600	99	68	148	360	4 - Ø19.1

Supervisory Switch for OS&Y Gate Valve





D.I. Valves



Brass Ball Valves



Brass Ball Valves



Listed



Approved



Approved

EN331

Approved

AN ISO 9001 : 2015
CERTIFIED CO.

BS EN 593 Universal Wafer Butterfly Valve (D71X4,D371X4), PN10/PN16

**D71X4**Rubber Seat With Backing
Cartridge Style

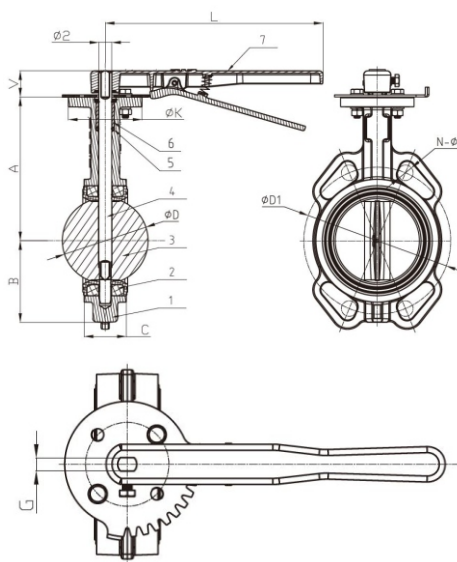
NSF/ANSI 61 NSF/ANSI 372

- Design Standard: BS EN 593
- Connection Ends: Universal Flange to BS EN 1092 PN10/PN16, AS129
TABLE E, JIS B2212 10K, BS 10 TABLE D/E.
- Top Flange Standard: ISO 5211
Stem Drive by keys, parallel or diagonal square or flat head.
- Working Pressure : PN10/16
- Temperature Range : 0°C - 100°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI AWWA C550

Material Specification

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Seat	DN40-400: EPDM & Backing DN450-800: EPDM Vulcanized on Valve Body	NBR/Fluororubber&Backing EPDM/NBR Vulcanized on Valve Body Soft Seat in EPDM/NBR
3	Disc	EN-GJS-450-10	SS304, SS316, AL-Bronze C95400
4	Stem	DN40-350: Stainless Steel, One Piece Stem Design DN400-800: Stainless Steel, Two Piece Stem Design	SS 304, SS316, SS420, SS431
5	O-Ring	NBR	EPDM
6	Bushing	DN40-350: Nylon 1010 DN400-800: Lubricating Bronze	PTFE
7	Lever	EN-GJS-450-10	Aluminum
8	Shaft Cover (DN400-800)	EN-GJS-450-10	
9	Gear Box	EN-GJS-450-10	

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



DN		Dimensions (mm)																
INCH	mm	A	B	V	C	ØD	Ø2	ØK	G	L	ØD1	N-Ø1	ISO 5211	Ø3	H	H1	H2	P
											PN16							
1.5"	40	138	64.5	32	33	43.9	14	90	9.45	267	110	4-Ø19	F07	150	206	158	52	43.5
2"	50	140.5	64.5	32	43	53.9	14	90	9.53	267	125	4-Ø19	F07	150	206	158	52	43.5
2.5"	65	153	72	32	46	65.2	14	90	9.53	267	145	4-Ø19	F07	150	206	158	52	43.5
3"	80	157.5	86	32	46	79.7	14	90	9.53	267	160	8-Ø19	F07	150	206	158	52	43.5
4"	100	176	100	32	52	105	16	90	11.14	267	180	8-Ø19	F07	150	206	158	52	43.5
5"	125	191	112	32	56	130	16	90	11.14	267	210	8-Ø19	F07	150	206	158	52	43.5
6"	150	202.5	128	32	56	156	20	90	12.7	267	240	8-Ø23	F07	150	206	158	52	43.5
8"	200	243.5	162	45	60	206.7	26	125	20.6	356	295	12-Ø23	F10	300	310	239	69	62.5
10"	250	273	194	45	68	253.3	26	125	20.6	490	355	12-Ø28	F10	300	310	239	69	62.5
12"	300	311	223	45	78	301.9	28	125	22.1	490	410	12-Ø28	F10	300	307	229	73	77.5
14"	350	340	267	48	78	333.9	31.6	150	22.1	-	470	16-Ø28	F12	300	307	229	73	77.5
16"	400	400	319.5	48	102	389.6	33.2	175	27	-	525	16-Ø31	F14	380	418	288	110	120
18"	450	422	345.4	48	114	441	38.1	175	27	-	585	20-Ø31	F14	380	418	288	110	120
20"	500	480	380	70.2	127	492.4	41.2	210	-	-	650	20-Ø34	F16	380	465	215	123	185
24"	600	562	441	70.2	154	592.8	50.6	210	-	-	770	20-Ø37	F16	380	500	215	129	185
INCH	mm	A	B	V	C	ØD	Ø2	ØK	G	L	ØD1	N-Ø1	ISO 5211	Ø3	H	H1	H2	P
28"	700	575	505	70.2	165	695	63.4	300	-	-	840	24-Ø31	F25	380	543	213	132	218
30"	750	660	550	70.2	165	744	63.4	300	-	-	900	24-Ø34	F25	380	543	213	132	218
32"	800	667	577	70.2	190	795.7	63.4	300	-	-	950	24-Ø34	F25	380	543	213	132	218

Note: Not designed for dead end service

Wafer Butterfly Valve with Tamper Switch

(XD371X), PN10 / PN16, UL FM VdS Approved



XD371X



Listed



Approved

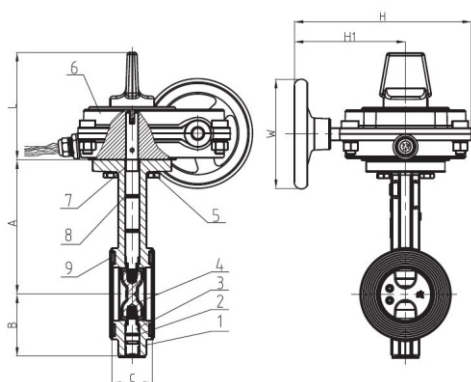


- Design Standard: BS EN 593
- Top Flange Standard: ISO 5211
- Working Pressure: PN10/16
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Coating in accordance with ANSI/AWWA C550
- Flange Specification: BS EN 1092-2 PN10/PN16, ASME B16, 1 CL 125
ASME B16.5 C1150, JIS B2210 10K.

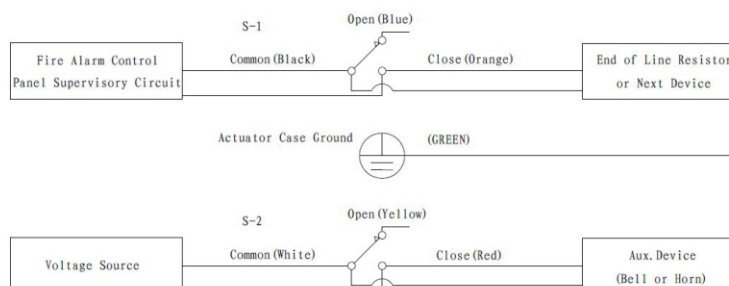
MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Body	EN-GJS-450-10	
2	O-Ring	NBR	EPDM
3	Stub Shaft	SS431	
4	Disc	EN-GJS-450-10+EPDM	EN-GJS-450-10+NBR
5	Hex Nut	Carbon Steel Zinc Plated	
6	Signal Gearbox	Body EN-GJS-450-10	
7	Drive Shaft	SS431	
8	O-Ring	NBR	EPDM
9	End Face Seal	EPDM	NBR

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



SWITCH WIRING DIAGRAM



DN		Dimensions (mm)										
INCH	mm	A	B	C	L	H1	H	W	ISO5211	ØE	ØF	N-ØM
2"	50	140.5	65	43	122.5	127	202.2	125	F07	70	90	4-Ø10
2.5"	65	153	71	46	122.5	127	202.2	125	F07	70	90	4-Ø10
3"	80	157.5	81	46	122.5	127	202.2	125	F07	70	90	4-Ø10
4"	100	176	95	52	122.5	127	202.2	125	F07	70	90	4-Ø10
5"	125	191	111	56	122.5	127	202.2	125	F07	70	90	4-Ø10
6"	150	202.5	133	56	122.5	139.5	215	225	F07	70	90	4-Ø10
8"	200	243.5	164	60	122.5	198.5	274	225	F07	102	125	4-Ø12
10"	250	273	196	68	122.5	198.5	274	225	F07	102	125	4-Ø12
12"	300	311	225	78	132	198.5	293.5	225	F07	102	125	4-Ø12

Grooved Butterfly Valve With Tamper Switch (XD381X), UL / FM / VdS Approved



XD381X

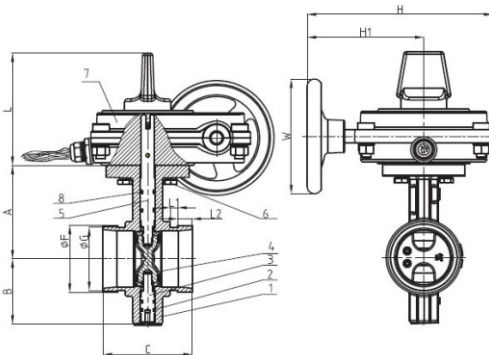


- Design Standard: BS EN 593
- Connection Ends: Groove to ISO 6182
- Top Flange Standard: ISO 5211
Stem Drive by keys, parallel or diagonal square or flat head.
- Working Pressure : PN10/16
- Temperature Range : 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI AWWA C550 or painting upon request.

Material Specification

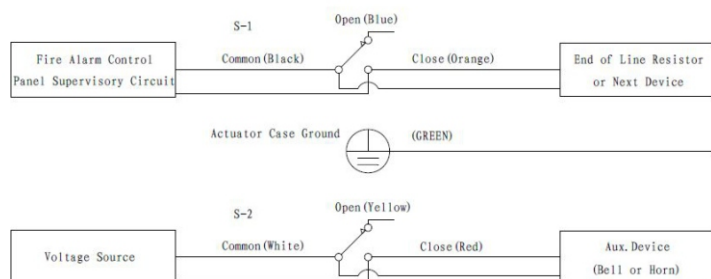
Part No.	Part	Standard Specification	Options
1	Body	EN-GJS-450-10	
2	O-Ring	NBR	EPDM
3	Stub Shaft	SS431	
4	Disc	EN-GJS-450-10+EPDM	EN-GJS-450-10+NBR
5	Drive Shaft	SS431	
6	Hex Nut	Crabon Steel Zinc Plated	
7	Signal Gearbox	Body EN-GJS-450-10	
8	O-Ring	NBR	EPDM

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



XD381X39

SWITCH WIRING DIAGRAM



DN		Dimensions (mm)														
INCH	mm	A	B	C	F	G	L	L1	L2	H1	H	W	ΦE	ΦF	N - ΦM	ISO 5211
2"	50	89	65	81	60.3	57.15	122.5	7.93	15.88	127	202.2	125	70	90	4 - Φ10	F07
2.5"	65	102	71	97	73.0	69.09	122.5	7.93	15.88	127	202.2	125	70	90	4 - Φ10	F07
2.5"	65	102	71	97	76.1	72.25	122.5	7.93	15.88	127	202.2	125	70	90	4 - Φ10	F07
3"	80	109	81	97	88.9	84.94	122.5	7.93	15.88	127	202.2	125	70	90	4 - Φ10	F07
4"	100	128	95	116	114.3	110.08	122.5	9.53	15.88	127	202.2	125	70	90	4 - Φ10	F07
5"	125	141	111	148	139.7	135.48	122.5	9.53	15.88	127	202.2	125	70	90	4 - Φ10	F07
5"	125	141	111	148	141.3	137.03	122.5	9.53	15.88	127	202.2	125	70	90	4 - Φ10	F07
6"	150	153	133	148	165.1	160.90	122.5	9.53	15.88	139.5	215	225	70	90	4 - Φ10	F07
6"	150	153	133	148	168.3	163.96	122.5	9.53	15.88	139.5	215	225	70	90	4 - Φ10	F07
8"	200	184	164	133	219.1	214.40	122.5	11.10	19.05	198.5	274	225	102	125	4 - Φ12	F10
10"	250	216	196	159	273.1	268.28	122.5	12.70	19.05	198.5	274	225	102	125	4 - Φ12	F10
12"	300	254	226	165	323.9	318.29	132.0	12.70	19.05	198.5	293.5	225	102	125	4 - Φ12	F10

Note: Not designed for dead end service

Flanged Resilient Swing Check Valve

(H44X2), PN10 / PN16, UL / FM / LPCB Approved



H44X2

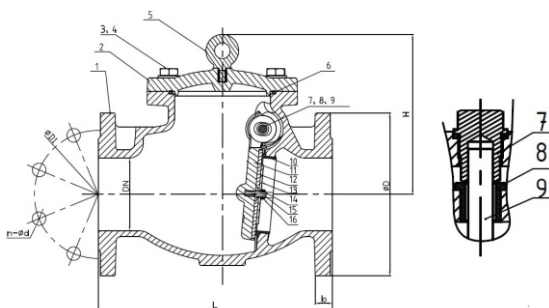


NSF/ANSI 61 NSF/ANSI 372

- Connection Ends: Flange to BS EN 1092-2: 1997
- Working Pressure: PN10/16
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Coating in accordance with ANSI/AWWA C550.

MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Bonnet	EN-GJS-450-10	
3	Bolts	Carbon Steel Zinc Plated	
4	Flat Washer	Carbon Steel Zinc Plated	
5	Eye Bolt	Carbon Steel Zinc Plated	
6	O-Ring	EPDM	NBR
7	Plug	SS304	Bronze ASTM B854
8	Bushing	Brass CW617N	
9	Hinge Pin	SS420	SS304, SS316
10	Seat	Bronze C83600	
11	Disc	EN-GJS-450-10	
12	Disc Sealing Ring	EPDM	
13	Retainer Washer	SS420 (DN50-DN100) EN-GJS-450-10 (DN125-DN300)	
14	Washer	SS304	
15	Stud	SS304	
16	Nut	SS304	



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

DN		PN	Dimensions (mm)							
INCH	mm		L	D	D1	d	b	E	H	N - Φ M
2"	50	10/16	203	165	125	99	19	3	133	4 - Φ 19
2.5"	65	10/16	216	185	145	118	19	3	150	4 - Φ 19
3"	80	10/16	241	200	160	132	19	3	150	8 - Φ 19
4"	100	10/16	292	220	180	155	19	3	218	8 - Φ 19
5"	125	10/16	330	250	210	184	19	3	245	8 - Φ 19
6"	150	10/16	356	285	240	211	19	3	290	8 - Φ 23
8"	200	10	495	340	295	266	20	3	330	8 - Φ 23
		16								12 - Φ 23
10"	250	10	622	405	350	319	22	3	350	12 - Φ 23
		16			355					12 - Φ 28
12"	300	10	698	460	400	370	24.5	4	376	12 - Φ 23
		16			410					12 - Φ 28

Flanged Resilient Swing Check Valve (H44X2 / H44X24), PN 20, UL / FM / LPCB Approved



H44X2

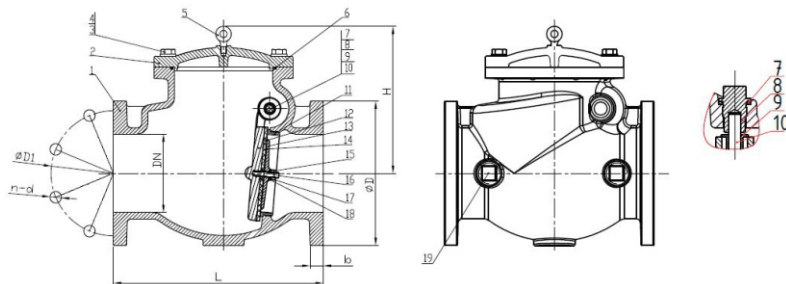


NSF/ANSI 61 NSF/ANSI 372

- Connection Ends: Flanged to ASME B16.1
- Working Pressure : 300PSI / 363PSI
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
1	Body	Ductile Iron 65-45-12
2	Bonnet	Ductile Iron 65-45-12
3	Bolts	Carbon Steel Zinc Plated
4	Washer	Carbon Steel Zinc Plated
5	Eye Bolt	Carbon Steel Zinc Plated
6	O-Ring	NBR
7	Washer	PTFE
8	Plug	AISI 304
9	Hinpe	AISI 420
10	Seat Ring	Bronze ASTM B62
11	Seal	EPDM
12	Disc	Ductile Iron 65-45-12
13	Plate	Ductile Iron 65-45-12(6"-12") AISI 304(2"-4")
14	Nut	AISI 304
15	Bolt	AISI 304
16	Spring Washer	AISI 304
17	Flat Washer	AISI 304
18	Plug	AISI 304



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

DN		Dimensions (mm)						
INCH	mm	L		D	D1	b	n - ϕ d	H
		Standard	Optional					
2"	50	203	203	152	120.5	16	4 - ϕ 19.1	133
2.5"	65	254	216	178	139.5	17.5	4 - ϕ 19.1	150
3"	80	278	241	191	152.5	19	4 - ϕ 19.1	150
4"	100	330	292	229	190.5	24	8 - ϕ 19.1	218
6"	150	406	356	279	241.5	25.5	8 - ϕ 22.2	290
8"	200	495	495	343	298.5	28.5	8 - ϕ 22.2	330
10"	250	622	622	406	362	30.5	12 - ϕ 25.4	350
12"	300	660	698	483	432	32	12 - ϕ 25.4	376

Note: Standard of Face to Face in according with AWWA C508.
Optional of Face to Face in according with ASME B16.10 CL 125.



D.I. Valves



Brass Ball Valves

Brass
Ball Valves

Listed



Approved



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EN331

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AN ISO 9001 : 2015
CERTIFIED CO.

Grooved Resilient Swing Check Valve

(RH84XD), PN10 / PN16, UL / FM / LPCB Approved

**RH84XD**

NSF/ANSI 61 NSF/ANSI 372

- Connection Ends: Groove to ISO 6182
- Working Pressure: PN10/16
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Coating in accordance with ANSI/AWWA C550 or painting upon request.

MATERIAL SPECIFICATION

**RH84XDF4**

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Hinge Pin	SS420	
3	Spring	SS304	SS316
4	Eye Bolt	Carbon Steel Zinc Plated	
5	Disc	DN50-100 SS304 DN150-300 EN-GJS-450-10	SS304
6	Disc Sealing Ring	EPDM	NBR
7	Seat Ring	ASTM B62 C83600 (Pressed Fit)	SS304, SS316 Pressed Fit or Threaded
8	Plug	Malleable Iron Galvanized	Bronze ASTM B584
9	Plug	Malleable Iron Galvanized	Bronze ASTM B584
10	Plug	Malleable Iron Galvanized	Bronze ASTM B584
11	Plug	Malleable Iron Galvanized	Bronze ASTM B584
12	Bolt	SS304	SS316
13	Washer	SS304	SS316
14	Nut	SS304	SS316

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

DN		Dimensions (mm)								
INCH	mm	L	D1	D2	B	C	P1	P3		P2
								Standard	Optional	
2"	50	171	57.15	60.3	7.93	15.88	1/2	1/2	1	3/8
2.5"	65	184	69.09	73	7.93	15.88	1/2	1/2	1 1/4	3/8
2.5"	65	184	72.26	76.1	7.93	15.88	1/2	1/2	1 1/4	3/8
3"	80	197	84.94	88.9	7.93	15.88	1/2	1/2	1 1/4	3/8
4"	100	210	110.08	114.3	9.53	15.88	1/2	1/2	2	1/2
5"	125	248	135.48	139.7	9.53	15.88	1/2	1/2	2	1/2
5"	125	248	137.03	141.3	9.53	15.88	1/2	1/2	2	1/2
6"	150	324	160.9	165.1	9.53	15.88	1/2	1/2	2	1/2
6"	150	324	163.96	168.3	9.53	15.88	1/2	1/2	2	1/2
8"	200	371	214.4	219.1	11.13	19.05	1/2	1/2	2	1/2
10"	250	457	268.28	273	12.7	19.05	1/2	1/2	2	1/2
12"	300	535	318.29	323.9	12.7	19.05	1/2	1/2	2	1/2

Double Door Wafer Check Valve

(DH77XSR), PN 10 / PN 16, UL / FM Approved



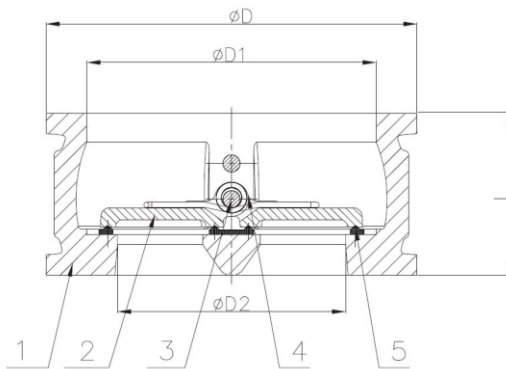
DH77XSR

- Connection Ends: BS EN 1092 PN10 / PN16 / PN 25, AS 2129 TABLE E JIS B2212 10K, BS 10 TABLE D/E
- Working Pressure : PN 10 / PN 16
- Temperature Range : 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI AWWA C550.



NSF/ANSI 61

NSF/ANSI 372



Material Specification

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Disc	SS316	EN-GJS-450-10, AL-Bronze UNC 95-400
3	Stem	SS420	SS420
4	Spring	SS304	SS304
5	Rubber Seat	EPDM	EPDM

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

DN		Dimensions (mm)			
INCH	mm	L	D	D1	H
2"	50	152	120.5	16	133
2.5"	65	178	139.5	17.5	150
3"	80	191	152.5	19	150
4"	100	229	190.5	24	218
6"	150	279	241.5	25.5	290
8"	200	343	298.5	28.5	330
10"	250	406	362	30.5	350
12"	300	483	432	32	376

Double Door Wafer Check Valve

(DH77X), PN10 / PN16 / PN25



DH77X

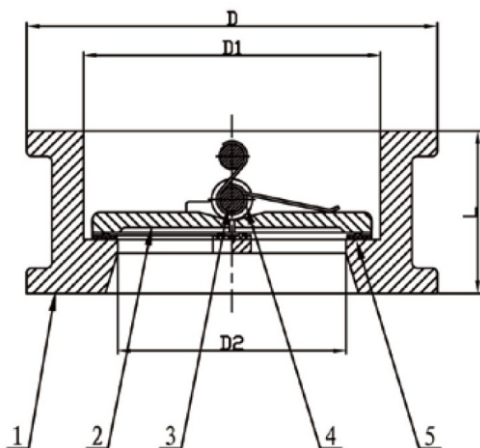
NSF/ANSI 61 NSF/ANSI 372

- Connection Ends: BS EN 1092 PN10/16/25, AS2129 TABLE E, JIS B2212 10K, BS 10 TABLE D/E
- Working Pressure: PN10/16/25
- Temperature Range: 0°C - 80°C
- Coating: Fusion Bonded Coating in accordance with ANSI/AWWA C550.

MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Disc	EN-GJS-450-10	SS304, SS316, AL-Bronze UNC 95400
3	Stem	SS420	SS304, SS316, SS416
4	Spring	SS304	SS316
5	Rubber Seat	EPDM	NBR

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



DN		Dimensions (mm)				
INCH	mm	L	D		D1	D2
			PN10/16	PN25		
1.5"	40	54	92	-----	58	46
2"	50	54	107	107	64	46
2.5"	65	54	127	127	79	60
3"	80	57	142	142	94	70
4"	100	64	162	168	117	84
5"	125	70	192	192	145	115
6"	150	76	218	224	170	134
8"	200	95	273	283	224	184
10"	250	108	328	340	285	220
12"	300	143	378	390	310	280
14"	350	184	438	467	360	302
16"	400	192	489	-----	410	350
18"	450	203	539	-----	450	385

Flanged Y-Type Stainer (V4) PN 10 / PN 16, UL Listed



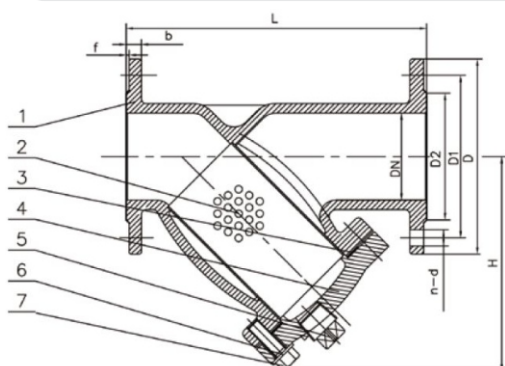
V4

- Connection Ends: Flange to BS EN 1092-2-1997
- Working Pressure : PN 10 / PN 16
- Temperature Range : 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI AWWA C550.



NSF/ANSI 61

NSF/ANSI 372



Material Specification

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Screen	Ss304 (Perforated)	SS304, SS316 (Perforated, Knitted Double Screen)
3	Gasket	Graphite + Acanthopore Plate	EPDM
4	Bonnet	EN-GJS-450-10	
5	Plug	Malleable Iron Galvanized	Bronze ASTM B584
6	Bolt	Carbon Steel Zinc Plated	SS304, SS316
7	Flat Washer	Carbon Steel Zinc Plated	SS304, SS316

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

DN		PN	Dimensions (mm)							
INCH	mm		L	D	D1	D2	b	n - ϕ d	f	H
2"	50	10/16	230	165	125	99	19	4 - ϕ 19	3	140
2.5"	65	10/16	290	185	145	118	19	4 - ϕ 19	3	175
3"	80	10/16	310	200	160	132	19	8 - ϕ 19	3	198
4"	100	10/16	350	220	180	156	19	8 - ϕ 19	3	229
5"	125	10/16	400	250	210	184	19	8 - ϕ 19	3	287
6"	150	10/16	480	285	240	211	19	8 - ϕ 23	3	304
8"	200	10	600	340	295	266	20	8 - ϕ 23	3	370.5
		16						12 - ϕ 23		
10"	250	10	730	405	350	319	22	12 - ϕ 23	3	469
		16			355			12 - ϕ 28		
12"	300	10	850	460	400	370	24.5	12 - ϕ 23	4	540
		16			410			12 - ϕ 28		
18"	450	10	1200	640	565	530	30	20 - ϕ 28	4	862
		16			585	548		20 - ϕ 31		
20"	500	10	1200	715	620	582	31.5	20 - ϕ 28	4	926
		16			650	609		20 - ϕ 34		
24"	600	10	1450	840	725	682	36	20 - ϕ 31	5	1057
		16			770	720		20 - ϕ 37		

Note : UL Listed from 2" to 12".

SHORT STYLE

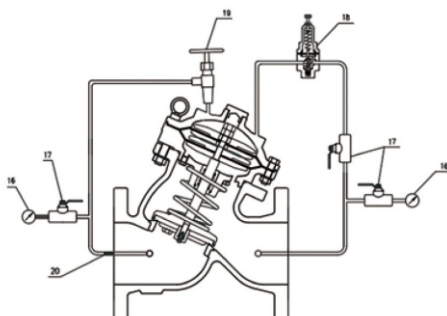
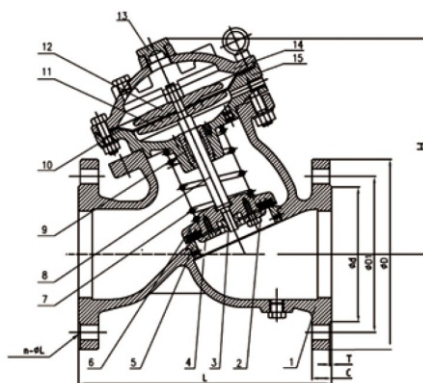
DN		PN	Dimensions (mm)							
INCH	mm		L	D	D1	D2	b	n - ϕ d	f	H
18"	450	10	850	640	565	530	30	20 - ϕ 28	4	693
		16			585	548		20 - ϕ 31		
20"	500	10	1000	715	620	582	31.5	20 - ϕ 28	4	774
		16			650	609		20 - ϕ 34		
24"	600	10	1100	840	725	682	36	20 - ϕ 31	5	956
		16			770	720		20 - ϕ 37		

Pressure Reducing Valve (SK720X), PN25



SK720X

- Design Standard : CJ/T 219 , CJ/T 256 , JB/T 10674
- Correction Standard: BS EN 1092-2
- Working Pressure: PN25
- Temperature Range : 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550.



MATERIAL SPECIFICATION

Part No.	Part	Standard Specification
1	Valve Body	EN-GJS-450-10
2	Main Gasket	EPDM
3	Disc Head	SS304
4	Gland of Main Disc	EN-GJS-450-10
5	Seat	SS304
6	Main Disc	EN-GJS-450-10
7	Spring	SS304
8	Stem	SS304
9	Bushing	C89833
10	Diaphragm	EPDM
11	Bottom Gland	EN-GJS-450-10
12	Up Gland	EN-GJS-450-10
13	Cap Plug	C89833
14	Up Bonnet	EN-GJS-450-10
15	Middle Bonnet	EN-GJS-450-10
16	Pressure Gauge	assembling unit
17	Ball Valve	assembling unit
18	Pilot Valve	assembling unit
19	Needle Valve	assembling unit
20	Built-in Strainer	assembling unit

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

DN		PN	Dimensions (mm)							
INCH	mm		H	L	D	D1	d	C	T	n - ØL
2"	50	25	170	203	165	125	90	19	3	4 - Ø19
2.5"	65	25	195	216	185	145	118	19	3	8 - Ø19
3"	80	25	215	241	200	160	132	19	3	8 - Ø19
4"	100	25	255	292	235	190	156	19	3	8 - Ø23
5"	125	25	290	330	270	220	184	19	3	8 - Ø28
6"	150	25	360	356	300	250	211	20	3	8 - Ø28
8"	200	25	450	495	350	310	274	22	3	12 - Ø28
10"	250	25	550	622	425	370	330	24.5	3	12 - Ø31
12"	300	25	645	698	485	430	389	27.5	4	16 - Ø31

Flanged Wet Alarm Valve (ZSFZ4X9)

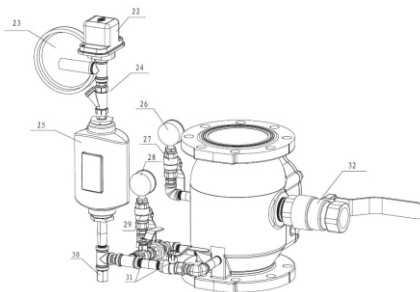
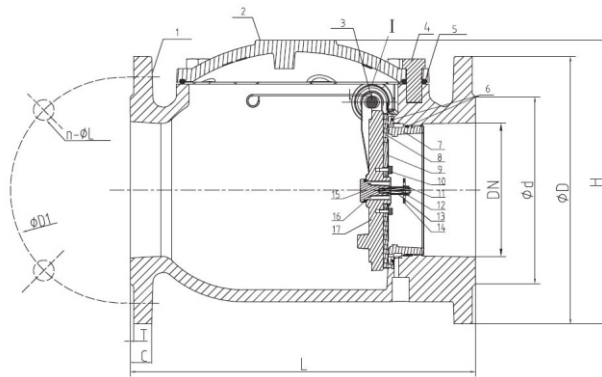


V4



- Connection Ends: BS EN 1092-2-1997
- Temperature Range : 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI AWWA C55
- Statement : The Alarm check valve works as a check valve by preventing the reverse flow of water from the system piping to the water supply. The valve is trimmed with a water bypass line, which has an in-line swing check valve. The bypass line pressure surges to enter the system and to the alarm check valve's clapper without the clapper lifting causing false alarms.

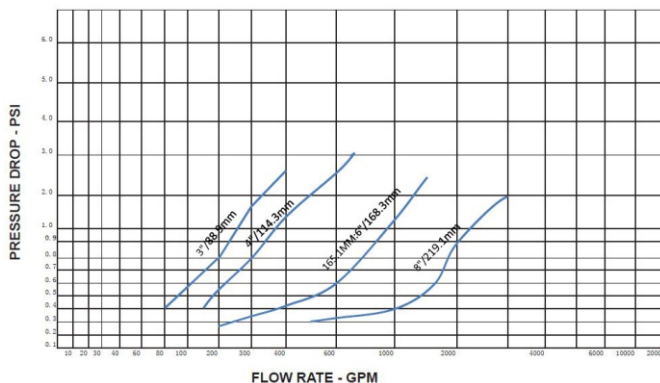
When a significant flow of water occurs, such as from an open sprinkler, the alarm valve's clapper lifts and allows water to enter the system. Simultaneously, water enters an intermediate chamber, which allows the water to activate an alarm or through a water pressure alarm. These alarms



Material Specification

Part No.	Part	Standard Specification
1	Valve Body	EN-GJS-450-10
2	Bonnet	EN-GJS-450-10
3	Pin	SS304
4	Hex Bolt	Carbon Steel Zinc Plated
5	Body Gasket	EPDM
6	O-Ring	NBR
7	Seat	C83600
8	Gasket	EPDM
9	Disc Gland	SS304
10	Slotted Screw	SS304
11	Hexagonal Nut	SS304
12	Adjusting Screw	SS304
13	Core Tube	SS304
14	Core Board	SS304
15	Disc Core	C89633
16	O-Ring	NBR
17	Disc	C83600
18	Spring	SS304
19	Sealing Fillet Gasket	PTFE
20	Sealing Plug	SS304
21	Sealing Fillet Gasket	PTFE

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



DN	INCH	mm	PN	Dimensions (mm)						
				L	D	D1	d	n - Φd	C	T
3"	80	10/16	241	200	160	132	8 - Φ19	19	3	
4"	100	10/16	292	220	180	156	8 - Φ19	19	3	
6"	150	10/16	356	285	240	211	8 - Φ23	19	3	
8"	200	10	495	340	295	266	8 - Φ23	20	3	
		16		340	295	266	12 - Φ23	20	3	

EXTERNAL ACCESSORIES

Part No.	Part	Part No.	Part
22	Pressure Switch	28	Pressure Gauge
23	Alarm	29	Ball Valve
24	Strainer	30	Drip Valve
25	Retard Chamber	31	Locking Valve
26	Pressure Gauge	32	Check Ball Valve
27	Ball Valve		

Deluge Alarm Valve (SK790X), PN10/16

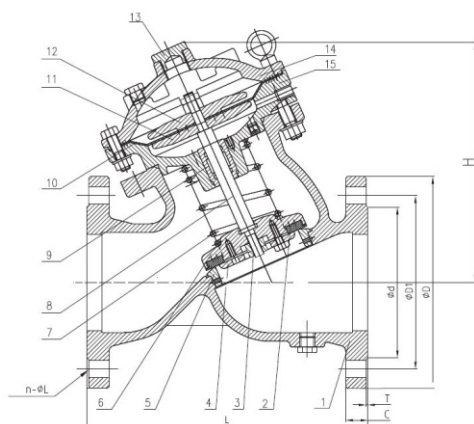


SK790X

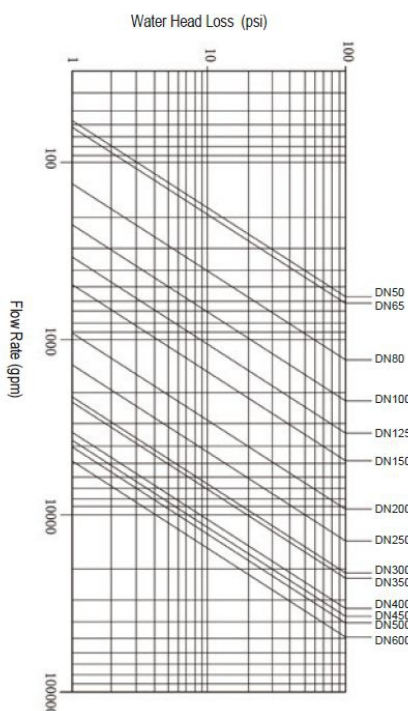
- Connection Ends: BS EN 1092-2: 1997
- Working Pressure: PN10 / PN16
- Temperature Range : 0°C - 80°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550.
- Statement: SK790X Deluge Alarm Valve is a diaphragm type of hydraulic control valve driven by the hydraulic pressure within the piping system, functioning as flow control and alarming device in the sprinkler system for quenching of the fire i.e. to start the sprinkler and system for quenching of the fire and send out fire alarm through the fire bell when there is fire detected.

MATERIAL SPECIFICATION

Part No.	Part	Standard Specification
1	Valve Body	EN-GJS-450-10
2	Main Gasket	EPDM
3	Disc Head	SS304
4	Gland of Main Disc	EN-GJS-450-10
5	Seat	SS304
6	Main Disc	EN-GJS-450-10
7	Spring	SS304
8	Stem	SS304
9	Bushing	C89833
10	Diaphragm	EPDM
11	Bottom Gland	EN-GJS-450-10
12	Up Gland	EN-GJS-450-10
13	Cap Plug	C89833
14	Up Bonnet	EN-GJS-450-10
15	Middle Bonnet	EN-GJS-450-10



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



DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
Kv	41	53	105	175	285	402	730	1160	1400	1770	3010	3225	3395	4272

DN		PN	Dimensions (mm)							
INCH	mm		H	L	D	D1	d	C	T	n - ΦL
2"	50	10/16	203	170	165	125	90	19	3	4 - Φ19
2.5"	65	10/16	216	195	185	145	118	19	3	4 - Φ19
3"	80	10/16	241	215	200	160	132	19	3	8 - Φ19
4"	100	10/16	292	255	220	180	156	19	3	8 - Φ19
5"	125	10/16	330	290	250	210	184	19	3	8 - Φ19
6"	150	10/16	356	360	285	240	211	19	3	8 - Φ23
8"	200	10	495	450	340	295	266	20	3	8 - Φ23
		16	495		340	295	266	20	3	12 - Φ23
10"	250	10	622	550	405	350	319	22	3	12 - Φ23
		16	622		405	355	319	22	3	12 - Φ28
12"	300	10	698	645	460	400	370	24.5	4	12 - Φ23
		16	698		460	410	370	24.5	4	12 - Φ28

Model Universal Test & Drain (UTD)



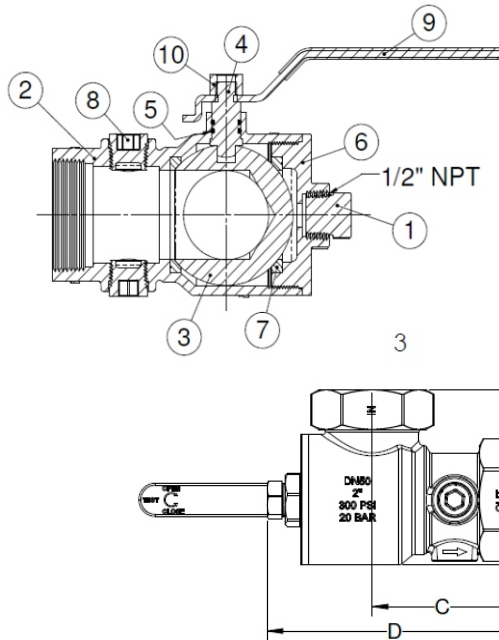
UTD



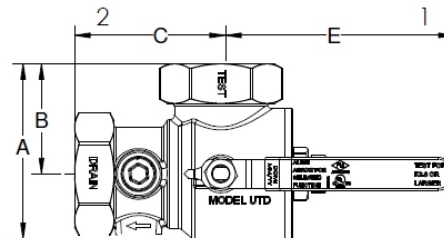
The Jainsons Model UTD Test and Drain allows for draining of a sprinkler system as well as performing the required Water Flow Test with one combined valve incorporating a single handle. The UTD eliminates the need to utilize two separate valves and additional fittings to perform the test and drain functions. The Jainsons Model UTD is equipped with a test orifice K-Factor of 2.8 (40.3 metric). As such, the Model UTD is UL Listed for, and meets the NFPA 13 requirement of providing a flow equal to or less than the smallest orifice sprinkler on the system, when no installed sprinkler is smaller than a K 2.8 (40.3 metric). These features of the Model UTD reduce the need for additional Test and Drain Valve inventory with multiple test orifices.

The Model UTD contains two integrated ports with clear Lexan plugs allowing for a visual means to determine if water is flowing through the valve. A third port is available for the drain connection of an optional pressure relief valve. The Jainsons Model UTD comes in threaded end connections for sizes 3/4" through 2" and also grooved end connections for sizes 1 1/4" through 2".

FIGURE 1 : MODEL UTD MATERIALS OF CONSTRUCTION



Part No.	Description	Material	QTY
1	1/2-14 NPT Pipe Plug	Steel	1
2	3-WAY Test & Drain Body	Bronze	1
3	UTD Test & Drain Ball	Stainless Steel	1
4	UTD Test & Drain Handle Stem	Stainless Steel	1
5	3-WAY Test & Drain Stem O-Ring	Edpm	2
6	3-WAY Test & Drain Cover	Bronze	1
7	UTD Test & Drain Teflon Seal	Teflon	2
8	Sight Glass	Lexan	3
9	3-WAY Red Handle	Edpm	1
10	Retaining Nut	Stainless Steel	1



Valve Size NPT	Nominal Installation Dimensions Inches (mm)				
	A	B	C	D	E
1" (DN25)	3.22 (82)	2.42 (61)	2.62 (67)	5.29 (134)	4.16 (106)
2" (DN50)	4.41 (112)	2.83 (60)	3.78 (96)	6.72 (159)	6.02 (153)

MODEL UTD CARE AND MAINTENANCE

The Jainsons Model UTD Test and Drain does not require any regularly scheduled maintenance.

System testing in accordance with NFPA 25 or other applicable Standard shall be followed to insure the in-tegrity of the entire system, including alarm functions as well as other system components.

The following procedures shall be performed, as needed, to conduct a waterflow alarm test of the flow switch, a drain test to verify adequate water supply, or to drain a section of the sprinkler system.

Where impairments or deficiencies are found, they must be corrected in accordance with NFPA25 or other applicable Standard.

When conducting a Waterflow Alarm Test, Flow Test (Main Drain Test), or draining of the system, position arrow (opposite the handle location near the stem of the valve) to the appropriate labeled function on the body of the valve.

ORDERING INFORMATION

MODEL UTD TEST AND DRAIN

Specify : MODEL UTD TEST AND DRAIN, TXT,

SIZE (1", 2") PN :

1" (DN25)

2" (DN50)

Note : Metric threads for the inlet and outlet of the valve are available upon request. Inform Customer Service at time of order.



D.I. Valves



ZHIQING
Brass Ball Valves



Brass
Ball Valves



Listed



Approved



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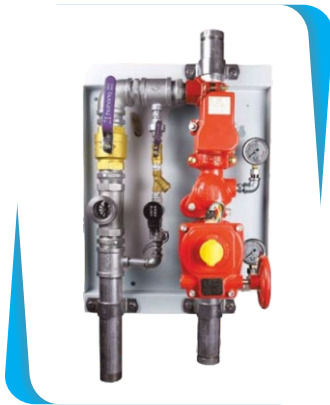
EN331

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ADDITIONAL PRODUCTS



Zone Control Valve Assembly



Zone Control Valve Assembly



Zone Control Valve Assembly



Zone Control Valve Assembly

Note : We also deal in these products

