CHECK ALARM VALVE
MODEL FIG13

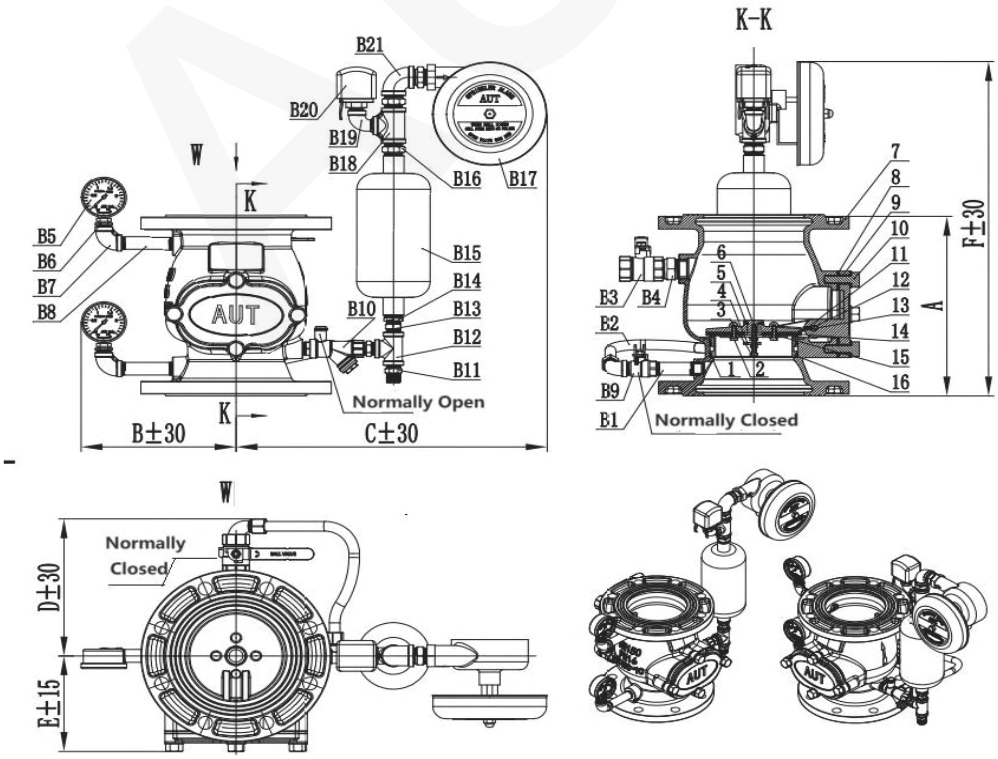
PRODUCTION STANDARDS

MODEL FIG13 I DN50 - DN200
PN10 - PN16

Connection	EN1092-2 ISO 7005-2
Face to Face	Flange x Flange
Pressure Class	PN 16

DESCRIPTION

- The wet alarm valve is a kind of one-way valve which only allows water to flow into the sprinkler system iN one direction and drives the supporting parts to give an alarm under the specified pressure and flow. It is a kind of fixed fire extinguishing system which consists of water flow indicator, pressure switch and sprinkler head. The system all the year round with a certain pressure force of water in the pipe network, in the prolonged state bar work, when somewhere there is a fire protection area, area environment temperature, thermal sensitive element of sprinkler release, thus open nozzle jet, and the whole system will start automatically send alarm signal, to achieve the purpose of, put out the fire in fire alarm and fire control.
- Wet alarm valve group, according to" the 2nd part GB5135.2 sprinkler systems wet alarm valve, delayer, water alarm motor" standard design. It consists of wet alarm valve, pressure switch, delayer, and water alarm motor, compensation pipeline, alarm pipeline, drain pipeline and other piping composition.
- The wet alarm valve manufactured by our company is well-made and made of exquisite materials with the advantages of stable working performance, high fire extinguishing efficiency, sensitive operation, simple maintenance, and reliable use. It is widely used in various places where water is used for fire extinguishing and there are a variety of specifications to choose from.



1. Alarm ball valve (Open)
2. Drainage ball valve (Closed)
3. Test alarm valve (Closed)

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- Nominal working pressure: 1.6 M.pa
- Environment temperature: 4ºC < E.T <70ºC
- Relevant size: Below

MATERIAL SELECTION

No	Part Name	Material	Quantity
1	O Ring	NBR	2
2	Hexagon Head Bolt	8.8 Stainless Steel	4
3	Small Disc - Triangle Nut	ZCuZn38Mn2Pb2 (38-2-2)	1
4	Hexagon Head Bolt	8.8 Stainless Steel	1
5	Disc Small Seal Ring	NBR	1
6	Small Disc	ZCuZn38Mn2Pb2 (38-2-2)	1
7	Valve Body	QT450-10	1
8	Valve Cover Gasket	NBR	1
9	Valve Cover	QT450-10	1
10	Hexagon Head Bolt	8.8 Stainless Steel	8
11	Hexagon Head Bolt	8.8 Stainless Steel	1
12	Disc Pin Axis	06Cr19Ni10 (304)	1
13	Valve Disc	06Cr19Ni10 (304)	1
14	Sealing Ring	NBR	1
15	Sealing Ring Compression Ring	Q235-A	1
16	Valve Seat	06Cr19Ni10 (304)	

DIMENTIONS

MODEL	DN	A	B	C	D	E	F
FIG13	80	250±3.0	200	451	184	133	544
FIG13	100	250±3.0	218	451	184	133	544
FIG13	125	300±3.0	226	466	200	158	551
FIG13	150	300±3.0	231	466	200	158	170
FIG13	200	350±3.0	261	501	228	183	566
FIG13	250	436±5.0	296	534	355	235	570

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No	Description	Material	Quantity
B1	Pipe G1/2*80	304 Stainless Steel	1
B2	Stainless steel hose G1/2	304 Stainless Steel	1
B3	Ball valve G1 (DN80-200), G2 DN200	Copper Alloy	1
B4	Nipple G1 (DN80-200), G2 DN200	304 Stainless Steel	1
B5	Pressure gauge 2.5MPa	304 Stainless Steel	2
B6	Pressure gauge seat G1/2*M14*1.5	304 Stainless Steel	2
B7	90° Elbow with internal thread G1/2	304 Stainless Steel	2
B8	Pipe G1/2	304 Stainless Steel	2
B9	Ball Valve G1/2	Copper Alloy	1
B10	Integrated Y filter + ball valve G1/2	Copper Alloy	1
B11	Nipple G1/2	304 Stainless Steel	1
B12	Tee G1/2	304 Stainless Steel	1
B13	Nipple G1/2	304 Stainless Steel	2
B14	Bushing G3/4*G1/2	304 Stainless Steel	1
B15	Delayer (Retard Chamber) G3/4	304 Stainless Steel	1
B16	Nipple G3/4	304 Stainless Steel	3
B17	Water Motor Alarm	Aluminum alloy Combination parts	1
B18	Tee G3/4*G3/4*G1/2	304 Stainless Steel	1
B19	90° Elbow with internal and external thread G1/2	304 Stainless Steel	2
B20	Pressure Switch	Combination parts	1
B21	90° Elbow G3/4	304 Stainless Steel	1