



TECHNICAL DATA

- Maximum working pressure : 16 bar
- Maximum working temperature: 0°C/+100°C
- Painting : Standard
- Flanged : EN 1092-2

MATERIAL

No.	Parts name	Material
1	Body	Ductile iron
2	Bonnet gasket	NBR
3	Bonnet	Ductile iron
4	Bolt	Steel
5	Pin	Stainless steel
6	Seat	Brass
7	Disc gasket	NBR
8	Screw	Steel

APPLICATION

Wet alarm system consists of alarm check valve, delayer and alarm bell, which used in automatic sprinkler system.

DIMENSIONS

Size		D	D1	H
DN	Inch			
80	3	200	138	241
100	4	220	158	292
125	5	250	188	314
150	6	285	212	356
200	8	340	268	495

INSTALLATION

1. Gate valve 2. Wet alarm valve 3. Pressure gauge 4. Water flow switch 5. Close type sprinkler 6. Fire the electromagnetic valve 7. Alarm bell 8. Pressure switch 9. Delayer 10. Y-strainer 11. Gate valve 12. Ball valve 13. Floor drain 14. Water pump adapter 15. Fire water pump 16. Pool 17. Electric control box 18. Water tank. Automatic wet sprinkler system, supplied water from water tank. Water pressure should be 0.1 Mpa to meet working pressure requirements of forest sprinkler, to make whole pipe web full of water. When fire occurs, sprinkler system works automatically. Water pressure in pipe decreases, there's pressure difference between wet alarm valve upper and down cavity. Upper cavity pressure decreases, down capacity push valve, open water pipe, to supply water. Meanwhile, water flows into delayer and alarm bell, to start pressure switch and alarm.

