

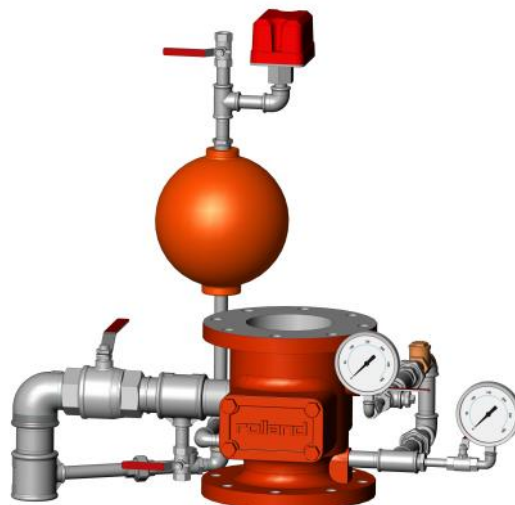
Wet alarm valves CE / APSAD / LPC trim

Description

Usually, a wet alarm valve station includes:

- a Rolland wet alarm valve linked to the water motor gong.
- a set of valves and by pass used to test the system.
- a drain valve.
- a test valve
- gauges to measure the pressure of the supply line and the system side pressure.
- a pressure switch
- a retard chamber can be added when the supply line pressure is variable.
The retard chamber prevents false alarms.

The description of the wet alarm valve station is general. Before each installation of wet alarm valve station you have to refer to Rules and Authorities having jurisdiction.



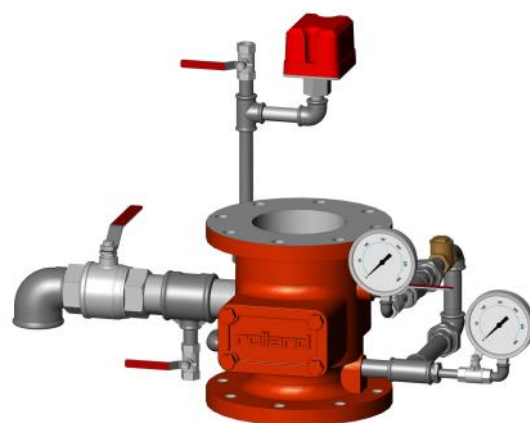
Specification

Diamètres	3"	4"	6"	8"
Connexion	Flange/flange	Flange/grooved (f/g) or flange/flange (f/f)	Flange/grooved (f/g) or flange/flange (f/f)	Flange/flange
Type de bride	PN 16 / 8 holes	PN 16 / 8 holes	PN 16 / 8 holes	PN 16 / 12 holes
Coulour	Orange-red (RAL 2002)	Orange-red (RAL 2002)	Orange-red (RAL 2002)	Orange-red (RAL 2002)
Height(cm) =	27.40	f/g: 26.50 f/f: 22,50	f/g: 28,90 f/f: 26.90	30.20
Weight (kg)	23.60	23.00 (B/R) 23.60 (B/B)	29.40 (B/R) 33.60 (B/B)	54.50
Approval	CE / APSAD / LPC	CE / APSAD / LPC	CE / APSAD / LPC	CE / APSAD / LPC
Working pressure (max)	12 bar	12 bar	12 bar	12 bar
Reference	Model B 3" wet	Model D 4" wet (B/R) Model B 4" wet(B/B)	Model D 6" wet (B/R) Model B 6" wet (B/B)	Model B 8" wet

Equivalent length

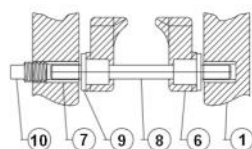
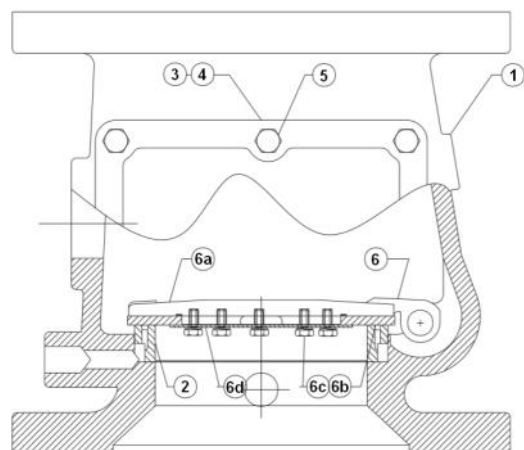
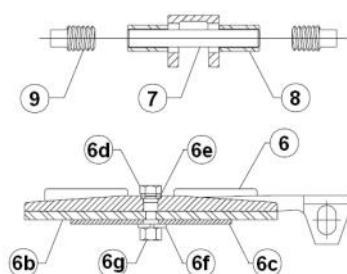
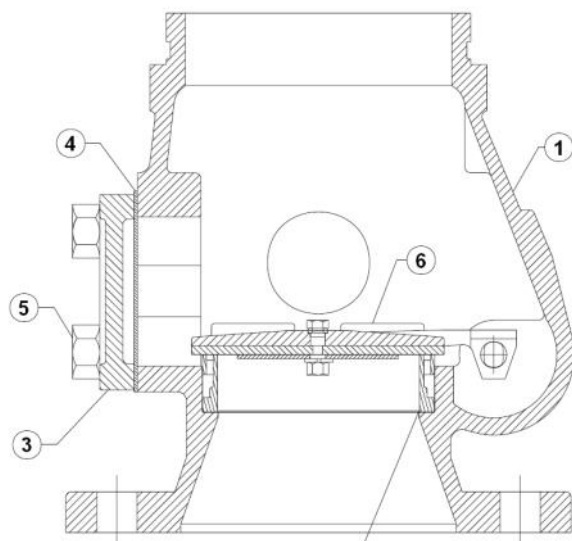
item	Diameter	Equivalent length (m)
Rolland wet alarm valve	3"	1.0
Rolland wet alarm valve	4"	3.8
Rolland wet alarm valve	6"	10.0
Rolland wet alarm valve	8"	10.5

Based on Hazen-Williams formula, C factor = 120.
Based on French stell pipe (Tarif T19 except 8").
Information based on BRE tests results.



Wet alarm valves

Poste d'alarme sous eau Equipement CE / APSAD / LPC



Spare parts 3, 4, 6"

Reference	3 or 4"	6"	Description	Quantity
1	4E.1	6E.1	Body	1
2	For info	For info	Seat	1
3	4E.3	6E.3	Cover plate	1
4	4E.4	6E.4	Cover gasket	1
5	4E.5	6E.5	Cover bolts	4
6	4E.7	6E.7	Clapper assembly	1
6a	4E.8	6E.8	Clapper	1
6b	4E.9	6E.9	Clapper gasket	1
6c	4E.10	6E.10	Disk	1
6d	4E.11	6E.11	Bolt	1
6e	4E.12	6E.12	O ring	1
6f	4E.13	6E.13	Lockwasher	1
6g	4E.14	6E.14	Nut	1
7	4E.15	6E.15	Clapper pin	1
8	4E.16	6E.16	Bushing	2
9	4E.17	6E.17	Plug	2

Spare parts 8"

Reference	8"	Description	Quantity
1	8E.1	Body	1
2	for info	Clapper seal	1
3	8E.3	Cover plate	1
4	8E.4	Cover gasket	1
5	8E.5	Cover bolts	6
6	8E.7	Clapper assembly	1
6a	8E.8	Clapper	1
6b	8E.9	Clapper gasket	1
6c	8E.10	Bolts	5
6d	8E.11	Retainer ring	1
7	8E.18	Bushing	2
8	8E.15	Clapper pin	1
9	8E.16	Clapper bushing	2
10	8E.17	Plug	1

Wet alarm valves