

Alarm Valve

Model-H

Description

Alarm Valve is a double seated clapper check valve with grooved seat design, which ensures positive water flow for alarm operation and is designed for installation in wet pipe sprinkler system. External bypass prevents with the provision of retard chamber, thus the design allows for installation under both variable and constant supply pressure condition.

Operation of one or more automatic fire sprinklers causes the water to flow into the sprinklers system causing the alarm valve to open, allowing continuous flow of water into the system and transmittal of alarm, both electrical and mechanical.



Technical Data

MODEL	H
END CONNECTION	Flange X Flange Flange X Groove Groove X Groove
NOMINAL SIZE	200, 150, 100 & 80 NB
MAXIMUM SERVICE PRESSURE	17.5 Bar (250 PSI)(*)
THREADED OPENING	BSPT
MOUNTING	Vertical
FLANGE CONNECTION	ANSI B 16.42 # 150 (Flange drilling matching to ANSI B 16.5 # 150)
TRIM	Galvanized fitting with Brass Valves.
FACTORY HYDROSTATIC TEST PRESSURE	35 Kg/sq.Cm. (500 PSI)
FRICTIONAL LOSS IN TERMS OF EQUIVALENT LENGTH OF PIPE (C – 120)	200 NB – 7.50 Mtrs. 150 NB - 7 Mtrs. 100 NB - 6.1 Mtrs. 80 NB - 4.7 Mtrs.
FINISH	Red RAL 3000
APPROVAL	UL Listed & FM Approved.
ORDERING INFORMATION	Specify size of valve, Trim details, End connection & PIPE OD
REFERENCE	NFPA 13 and NFPA 25



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