DRY CHEMICAL CONTROL VALVE SVDNxxxxxSH / SVDNxxxxx

For dry chemical fire suppression systems / Nominal size from ½" to 6"

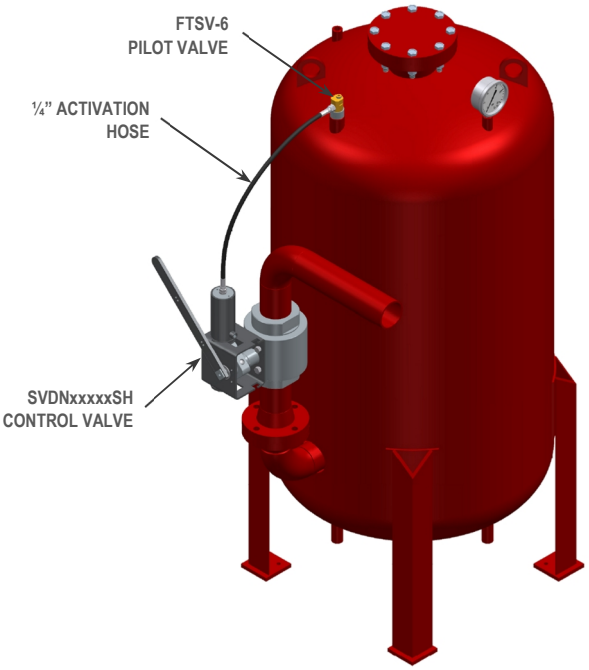
Data sheet 13304 Rev.00

Product description

The SVDNxxxxxSH or SVDNxxxxx dry chemical control valve is designed to discharge the dry chemical agent from the tank once the required operating pressure has been reached.

The actuation system consists of an FTSV-6 pilot valve installed on the dry chemical tank. During the final stage of tank pressurization, the pilot valve directs the tank pressure to the dry chemical control valve through a flexible hose. Once the operating pressure is reached, the valve actuator is pneumatically actuated, causing the valve to open and allowing the dry chemical agent to flow into the discharge piping, from where it is distributed to the discharge nozzles or the hand hose.

In addition, the control valve is equipped with a manual lever-operated actuation system, allowing it to be opened manually whenever required.

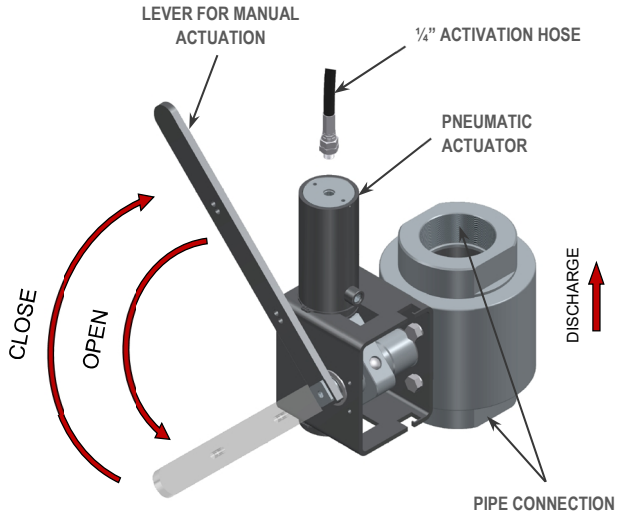


Technical data

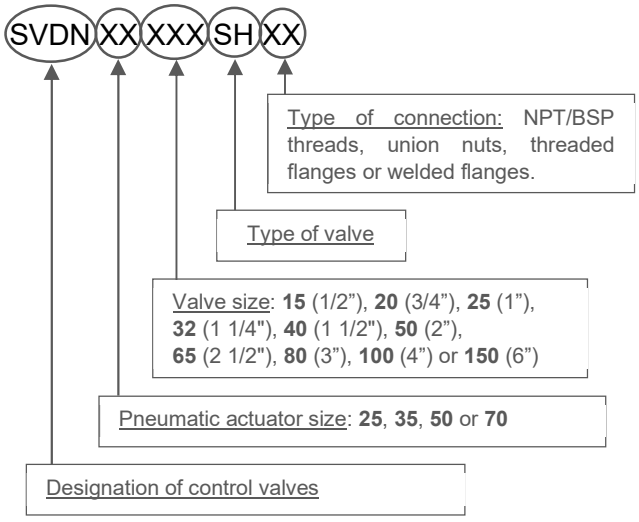
SVDNxxxxxSH / SVDNxxxxx DRY CHEMICAL CONTROL VALVE				
Model	**Pipe size**	**Actuator model**	**Pipe connection**	**Pilot valve**
SVDNxx15SH	½"	25 35 50 70	NPT threads BSP threads Threaded flanges Welded flanges	FTSV-6
SVDNxx20SH	¾"			
SVDNxx25SH	1"			
SVDNxx32SH	1 ¼"			
SVDNxx40SH	1 ½"			
SVDNxx50SH	2"			
SVDNxx65SH	2 ½"			
SVDNxx80SH	3"			
SVDNxx100SH	4"			
SVDNxx150SH	6"			

SVDNxxxxxSH / SVDNxxxxx control valve

They are installed between the outlet of the dry chemical tank and the discharge piping. They consist of a normally closed valve and a pneumatic actuator. In addition, they are equipped with a lever that allows the valve to be closed and the pneumatic actuator to be reset after activation. The lever can also be used for manual emergency operation in the event of a pneumatic system failure.

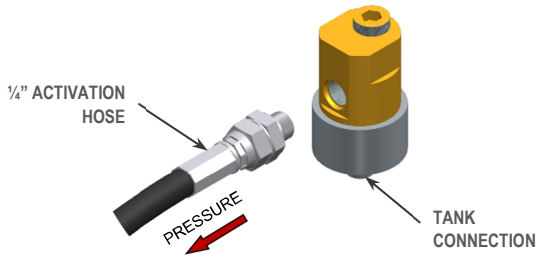


Identification of control valves



FTSV-6 pilot valve

This valve directs the tank pressure to the control valve, enabling its pneumatic actuation and the subsequent discharge of the powder system.



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