



Alpine Flowtech

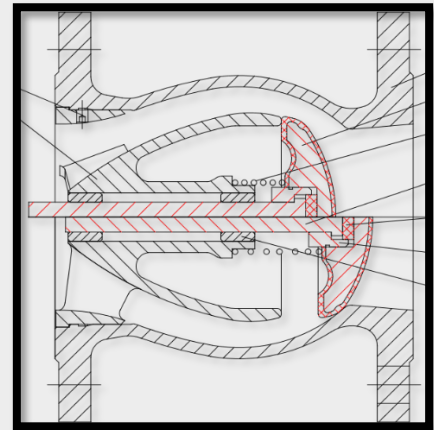
Control Valves, Sewage Air Valves, Controllers, Pressure, Flow, Level & Leakage Management.

Unit No. 1, B Wing, Swarajya Complex, Rajlaxmi Compound, Opp. Bewakoof Textile Factory Outlet, Kasheli, Kalher, Tal. Bhiwandi, Dist. Thane Pin 421302. Contact: 8850001856/9867025324/8978558585.

Email: alpineflowtech@gmail.com. GSTIN - 27ABOFA0019J1Z1

NSCV – Non-Slam Check Valve

Alpine/AFC, NSCV is a technically sound and proven solution for taking care of the flow reversal during the pump shut off, power failure. The valve reacts and shuts upon sensing stoppage of flow before the water hammer arrives. The closure is soft, silent and spring assisted, so it does not slam and prevents vibrations and helps in mitigating transients. The valve is available upto 1200 mm dia. And in PN 10, 16, 25 ratings. The valve is quick action and non-slam design.



Features & Advantages:

- ❖ High strength Ductile Iron Body used for durability and weight advantage.
- ❖ Advanced dynamic design of a single body with diffuser provides streamlined flow and assures lower head loss characteristics. One of the lowest head loss check valves, enhances savings in pumping cost.
- ❖ Valve disc with a shorter return stroke and spring assisted closure, ensures a faster pro-action than most of the other check valves. Hydrodynamic design with spring ensures non slamming and mitigation of water hammer.
- ❖ The valve is Coated with WRAS approved powder epoxy both inside & outside for corrosion resistance.
- ❖ Bronze bushing to reduce wearing problem during back and forth operation.
- ❖ Stainless steel spring is hidden in the diffuser under protection while valve in operation.
- ❖ Valve Disc positively closes before the flow reversal. The closing speed is instantaneous and slam less.
- ❖ Installation can be vertical/horizontal/ inclined. For size DN 800 and up, preferred installation is vertical.
- ❖ The valve complies with EN 558-1, ISO 5752 and EN 1092-2, ISO 7005-2 flange dimension.



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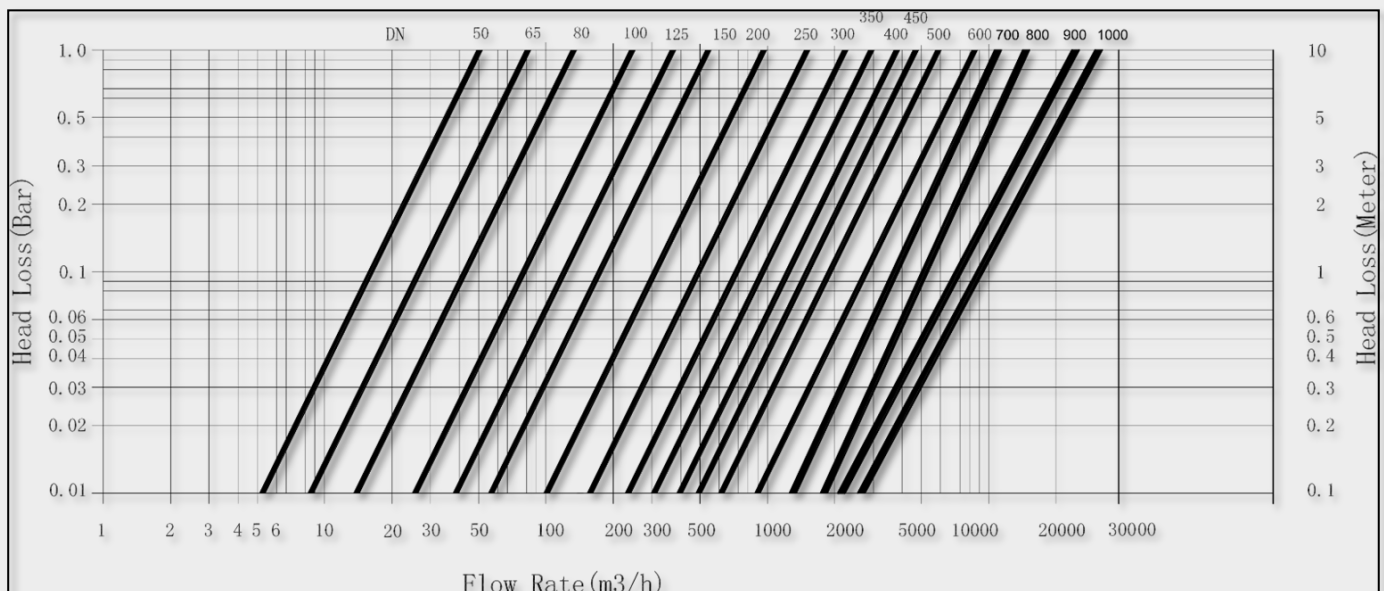
Mainly used for Clean Water, Pre-cleaned Sewage Water, Fire-Fighting, Irrigation, Cooling and HVAC System.

Technical Data:

- Size Range: DN 50 - 1200 mm
- Pressure Ratings: PN 10, 16, 25
- Working Temperature: -10°C-80°C
- End Connections: PN10, PN16, PN25.
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MATERIALS OF CONSTRUCTION:

No.	Part Name	Material	Standard
1	Body	Ductile Iron	GJS 500-7
2	Disc	Ductile Iron + Rubber	GJS 500-7+EPDM
3	Spring	Stainless Steel	AISI 304/ 316
4	Stem	Stainless Steel	AISI 420/304/316
5	Washer	Plastic	Nylon
6	Nut	Stainless Steel	AISI 304
7	Bushing	Bronze	C61900
8	Plug	Ductile Iron	GJS 500-7
9	Diffuser	Ductile Iron	GJS 500-7
10	Set Screw	Stainless Steel	AISI 304/316



❖ Mumbai | Hyderabad | Ahmedabad

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