Pressure discharge/sustain valve

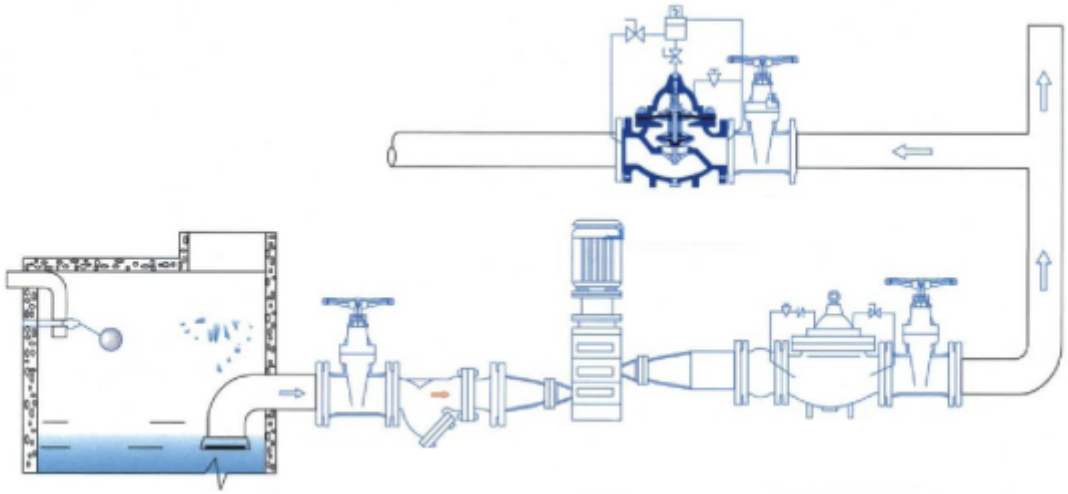


Art. CV500X

The pressure discharge/sustain valve is a pilot-operated control valve, suitable for different actions in the pipeline. It can work as a sustain valve to prevent any increase from the pressure previously set upstream, but it can also work as a pressure discharge valve to prevent any water hammer effect caused by the pump. The pressure discharge/sustain valve can also be applied for unloading functions in a large water supply system, in order to preserve the pipeline. At the inlet of the pilot valve a self-cleaning screen stops any grain in suspension that may reach the body of the main valve. This valve features sensitive open-close, reliability, stable motion and long lifecycle.
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Flanges drilling: UNI EN 1092-1 PN 10, PN 16, PN 25
Installation: horizontal
FIELDS OF APPLICATION: tanks ?? towers ?? pumping stations

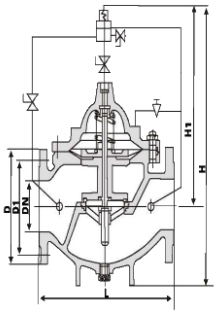
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Materials

body -??bonnet	ductile iron GGG50, EN-GJS-500-15
disc	forged steel A105, BUNA lined
stem	stainless steel AISI 410
seat	copper alloy overlay
diaphragm	nylon reinforced rubber
spring	stainless steel
ball valve	brass

Dimensions



DN	L mm	PN 16		H mm	H1 mm
		D mm	D1 mm		
50	203	160	125	610	516
65	235	180	145	625	520
80	285	195	160	645	538
100	360	215	180	750	596
125	400	245	210	808	655
150	455	280	240	864	710
200	585	335	295	1135	805
250	650	405	355	1185	855
300	800	460	410	1325	955
350	860	520	470	1385	990
400	915	580	525	1445	1030
450	980	640	585	1325	905
500	1075	705	650	1430	960

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