

Pressure relief valves V186 – V86



- Body in PVC, PP or PVDF
- Diaphragm: in EPDM with PTFE coat
- V186: Spigot ends from ND 10 up to ND 50
- V 18 : Spigot ends from ND 65 up to ND 100

APPLICATIONS

- To protect pumps and pipings

DESCRIPTION

The V186 & V86 valves can be used as pressure relief valve when mounted as a bypass to drain: the valve opens when the pressure is over the set value. When fitted in-line the valve works as pressure retaining valve: the outlet pressure remains at a minimum value. The choice of materials allows the use with a large field of chemicals. Versions with unions or flanges: On request.

TECHNICAL FEATURES

Body	PVC, PP or PVDF
Temperature limits	PVC: 0 ... +60 °C PP: -10 ... +80 °C PVDF: -20 ... +100 °C
Diaphragm	EPDM, coated with PTFE

Model V186 From ND 10 up to ND 50
PN 10
Setting: Between 0.5 and 10 bar

Model V86 From ND 65 up to ND 100
PN 6 for ND 65 and ND 80
PN 4 for ND 100
Setting: Between 1 and 6 bar for ND 65 and ND 80
Setting: Between 1 and 4 bar for ND 100

EC Conformity: The instrument meets the legal requirements of the current European Directives.

CODE NUMBERS AND REFERENCES

ND	d	PVC Body	PP Body	PVDF Body
10	16	911 501	911 531	911 561
15	20	911 502	911 532	911 562
20	25	911 503	911 533	911 563
25	32	911 504	911 534	911 564
32	40	911 505	911 535	911 565
40	50	911 506	911 536	911 566
50	63	911 507	911 537	911 567
65	75	911 508	911 538	911 568
80	90	911 509	911 539	
100	110	911 510	911 540	

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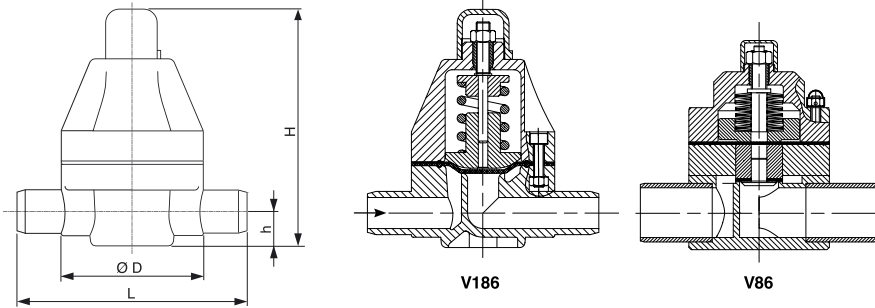
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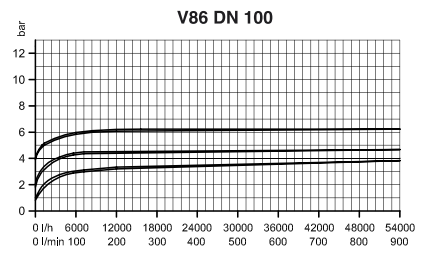
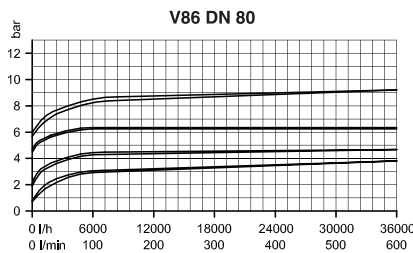
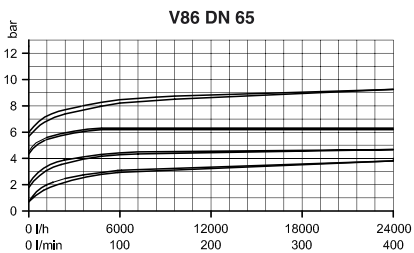
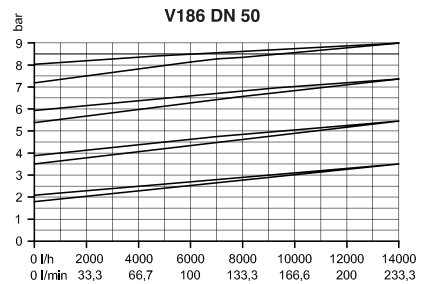
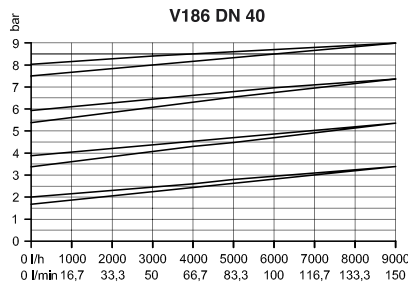
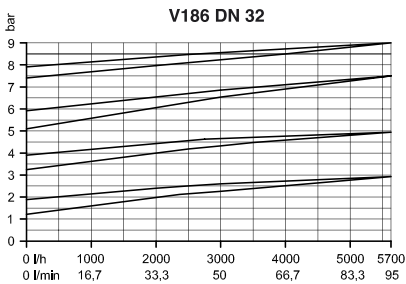
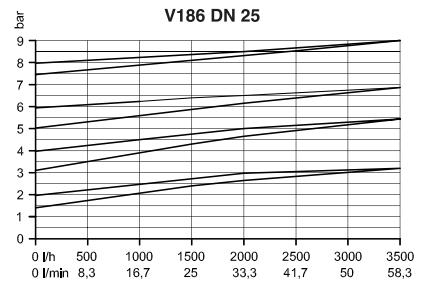
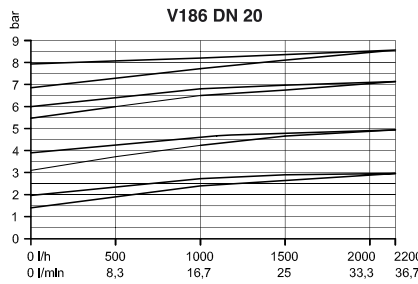
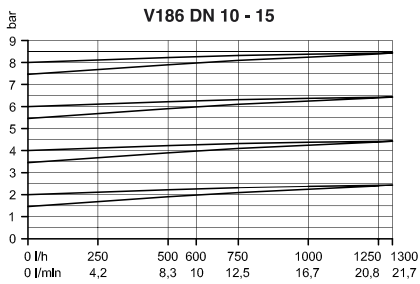
DIMENSIONS

ND	d	L	D	h	H	ND	d	L	D	h	H	ND	d	L	D	h	H
10	16	134	83	20	137	32	40	174	165	27	199	80	90	360	250	-	410
15	20					40	50	224		43	290	100	110	380	250	-	485
20	25					50	63	284		180	-	275					
25	32	174	112	27	199												



PHYSICAL FEATURES

Following diagrams are for Water at 20°C. For each couple of curves, the upper one represents the opening pressure and lower one represents the closing pressure.



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