

Pressure reducing valves V182 – V82



- Body : PVC, PP or PVDF
- Diaphragm: in EPDM with PTFE coat
- V182: Spigot ends from ND 10 up to ND 50
- V 82 : Spigot ends from ND 65 up to ND 100
- Gauge 0-10 bar, with built-in gauge guard

APPLICATION

- To maintain a constant downstream pressure

DESCRIPTION

Pressure reducing valves V182 & V82 reduce in-line pressure at the outlet down to the pre-set value, to adjust on site. Outlet pressure is not directly proportional to inlet pressure. The choice of materials allows a large field of chemical in use. 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
Sealing	FPM
Gauge guard	FPM
Diaphragm	EPDM, coated with PTFE

Model V182 From ND 10 up to ND 50
PN 10
Setting: Between 0.5 and 9 bar

Model V82 From ND 65 up to ND 100
PN 6 for ND 65 & ND 80
PN 4 for ND 100
Setting: Between 0.5 and 5 bar for ND 65 & ND 80
Setting: Between 1 and 3 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	906 501	906 531	906 561
15	20	906 502	906 532	906 562
20	25	906 503	906 533	906 563
25	32	906 504	906 534	906 564
32	40	906 505	906 535	906 565
40	50	906 506	906 536	906 566
50	63	906 507	906 537	906 567
65	75	906 508	906 538	906 568
80	90	906 509	906 539	
100	110	906 510	906 540	

BAMO INTERNATIONAL

22, Rue de la Voie des Bans · Z.I. de la gare · 95100 ARGENTEUIL
Tel +33 (0)1 30 25 83 20 Web www.bamo.eu
Fax +33 (0)1 34 10 16 05 E-mail export@bamo.fr

Pressure reducing valves
V182 – V82

26-11-2019

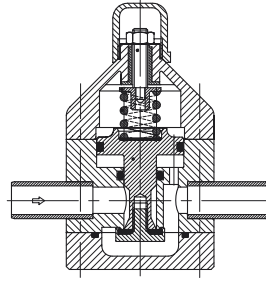
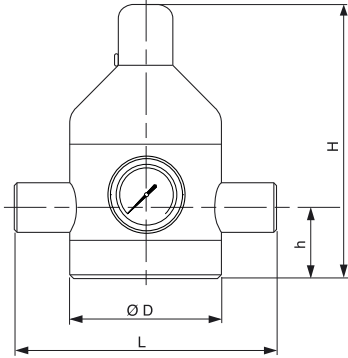
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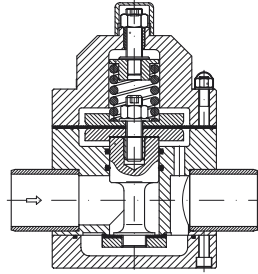
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DIMENSIONS [mm]

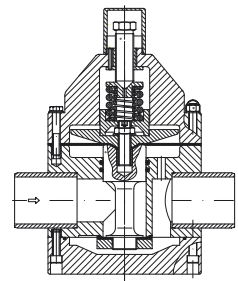
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10	16	134	70	112	134	32	40	174	130	175	224	80	90	360	250	305	360
15	20					40	50	224		178		100	110	420	300	345	420
20	25	174	100	130	174	50	63	244	150	210	244						
25	32					65	75	300	200	250	300						



V182 DN 10 - 50



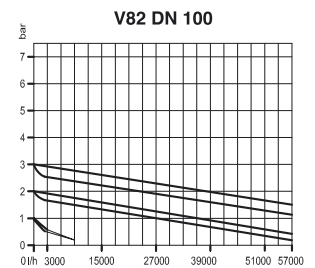
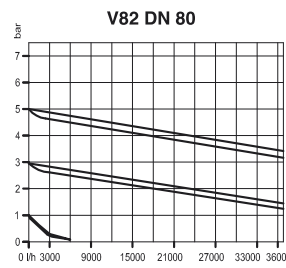
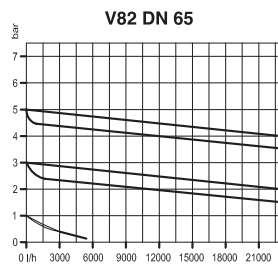
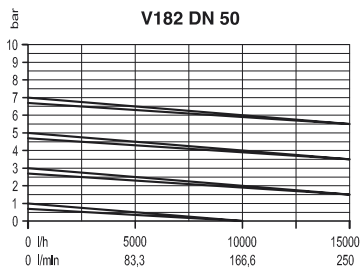
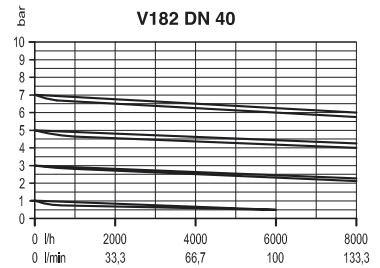
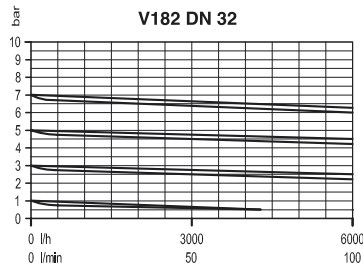
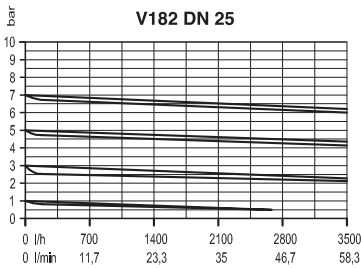
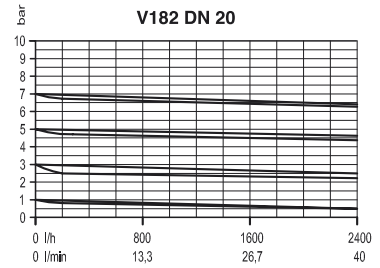
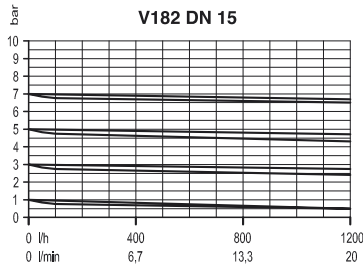
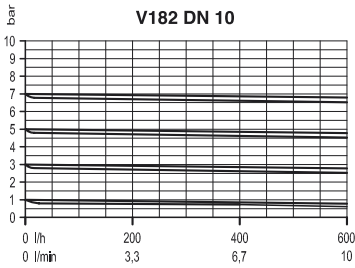
V82 DN 65



V82 DN 80 - 100

PHYSICAL FEATURES

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



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 Tel +33 (0)1 30 25 83 20 Web www.bamo.eu
 Fax +33 (0)1 34 10 16 05 E-mail export@bamo.fr

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