

General

- » Diaphragm non return valve for clean and non clean liquids as well as for pulsating flow conditions.
- » Soft sealing, does not cause water hammer.
- » Insensitive for polluted fluids.
- » Mounting possible in any direction, which is unique for check valves.
- » Drainage plug.



Options

- » DN 200-400, PN 16.
- » DN 500-700, PN 10.
- » Inner parts in stainless steel 1.4401, DN 65-80.
- » Diaphragm in NBR, -30°C to +90°C.
- » Female thread, VM6520.
- » Foot valve design.
- » Corrosion protection of Rilsan®.
- » Drinking water approval.

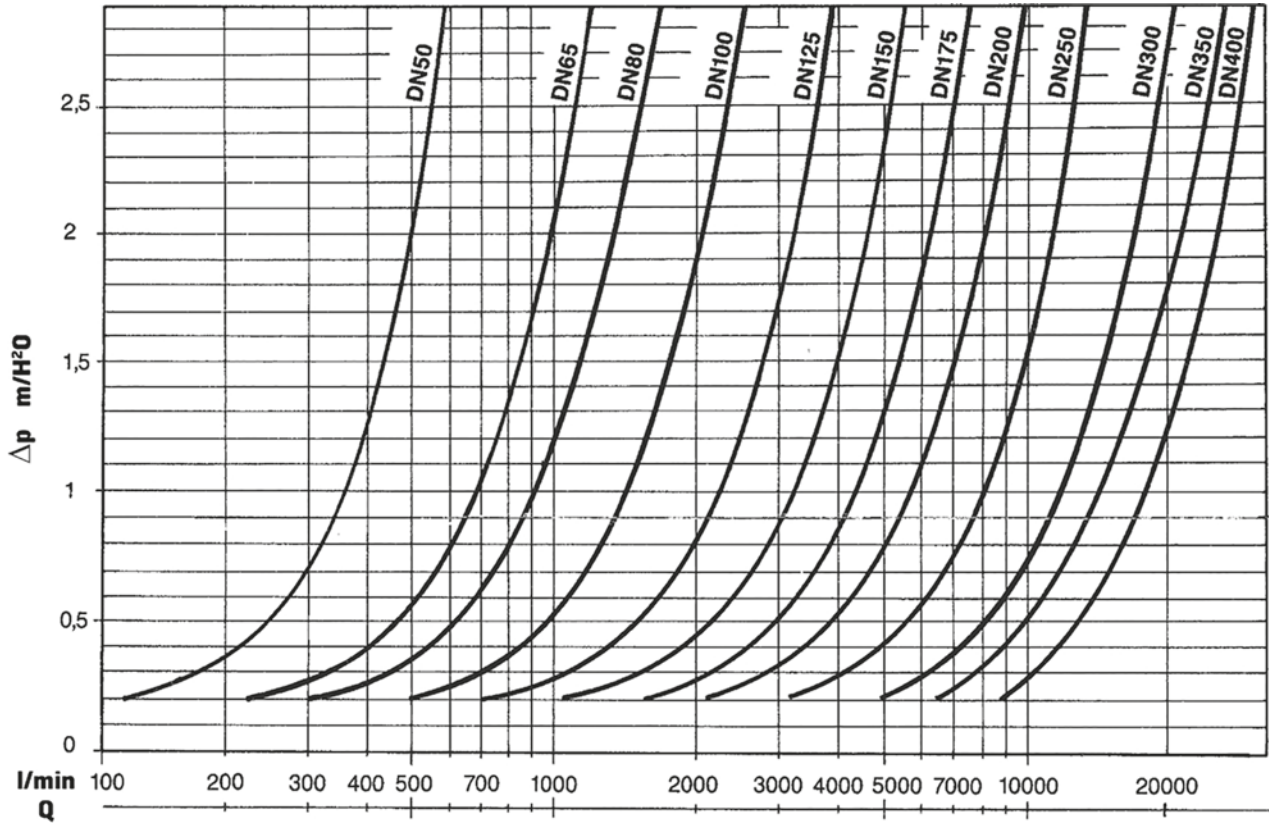
Technical Data

Dimension DN	50	65	80	100	125	150	200	250	300	350	400
Pressure rating PN	16	16	16	16	16	16	10	10	10	10	10
Min. temperature °C	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Max. temperature °C	+90	+90	+90	+90	+90	+90	+90	+90	+90	+90	+90

Materials

Body	cast iron JL1040
Diaphragm	EPDM
Corrosion protection	epoxy 60-80 my gray RAL 7031

Pressure Loss Diagram



The technical design of the specified product here may be subject to change without notice — datasheet updated March 12, 2014

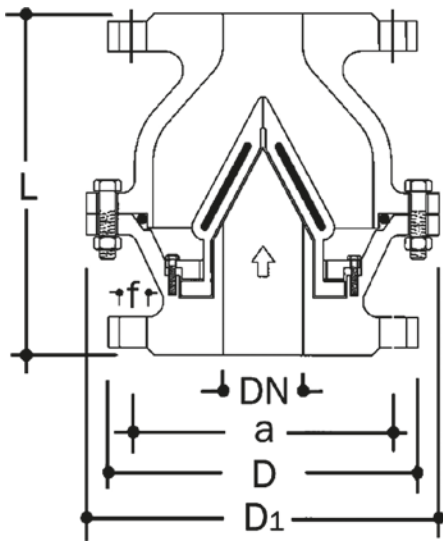
Diaphragm Non Return Valve VM6525 Venstop™

cast iron | DN 50-400 | PN 16/10 | flanges

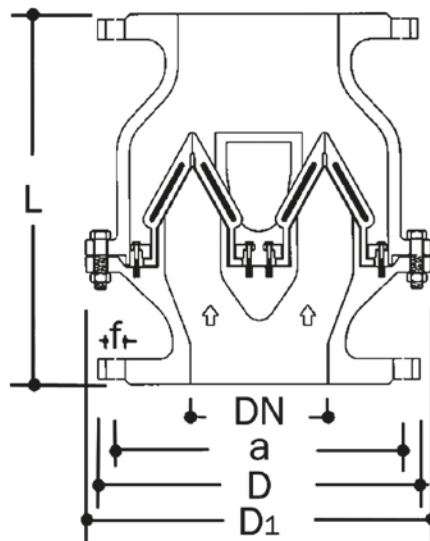


Dimensions [mm] and Weight

Dimension DN	50	65	80	100	125	150	200	250	300	350	400
L	200	240	260	300	350	400	500	600	700	800	900
a	125	145	160	180	210	240	295	355	410	470	525
f	18	18	18	18	18	22	22	25	25	25	30
D	165	185	200	220	250	285	340	405	460	520	580
D1	165	185	212	244	250	355	420	464	600	724	780
No of membranes	1	1	1	1	1	3	3	4	6	8	10
Size of membrane	50	65	80	100	100	80	100	100	100	100	100
Weight [kg]	11	15	20	27	34	64	95	134	230	370	430



DN 50-125



DN 150-400

Markings

The valve is marked with DN, PN, producer, and flow direction arrow.

Mounting

Optional, note the flow direction arrow.

We recommend using steel-reinforced rubber seals to DIN EN 1514-1 Shape IBC.

If you use raised face flanged, these seals are mandatory.

Maintenance

The valve is maintenance free.

Order Information

Diaphragm non retur valve VM6525 in cast iron, DN....., PN..... in flanged design.

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