

## Venting and breathe valve V91

DN 10 to DN 80



V91 PVDF



V91 PP



V91 PVC

### FUNCTION

V91 venting and breathe valves are mainly used where containers and pipelines must be ventilated. The float in the V91 opens the valve when the liquid level drops. When the liquid level rises, the float raised and press against the seal, valve closed.

Venting and breathe valves have to be installed vertically with the arrow pointing “up”.

### SPECIAL FEATURES

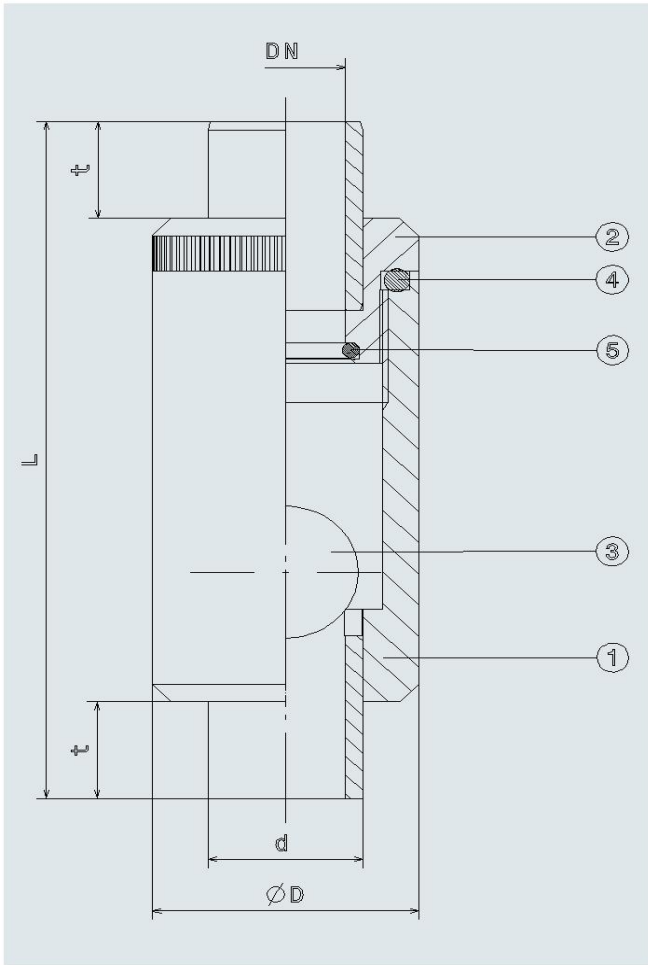
- All fluid wetted parts made of high resistant plastics
- Operation of the valve requires no auxiliary energy
- The valve V91 is mainly maintenance-free

### MATERIALS

Housing	Permissible operating temperature	Seals	Float
PVC	0 to + 60 °C	FPM	PP-Ball
PP	0 to + 80 °C	FPM	PP-Ball
PVDF	-20 to + 100 °C	FPM	PVDF Float

Operating pressure max. 10 bar at 20 °C

## COMPONENTES



- | Item | Description           |
|------|-----------------------|
| 1    | Housing               |
| 2    | Screw-in part         |
| 3    | PP-Ball or PVDF-Float |
| 4    | O-ring                |
| 5    | O-ring                |

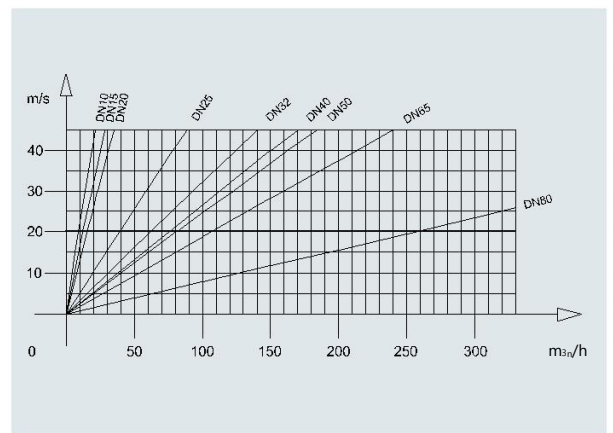
### DIMENSION IN MM (GUIDELINE VALUES)

d	DN	ø D	L	t
16	10	35	114	14
20	15	40	124	16
25	20	45	144	19
32	25	55	154	22
40	32	70	174	26
50	40	80	195	31
63	50	100	224	38
75	65	120	286	44
90	80	150	302	51

### PART-Nr.

d	DN	PVC adhesive spigot	PP with fusion spigot	PVDF with fusion spigot
16	10	17.001.822	17.000.613	17.000.596
20	15	17.000.510	17.000.614	17.000.595
25	20	17.000.513	17.000.615	17.000.594
32	25	17.000.540	17.000.616	17.000.593
40	32	17.000.544	17.000.617	17.000.592
50	40	17.000.546	17.000.618	17.000.591
63	50	17.000.549	17.000.619	17.000.584
75	65	17.000.552	17.000.620	17.000.581
90	80	17.000.621	17.000.623	17.003.563

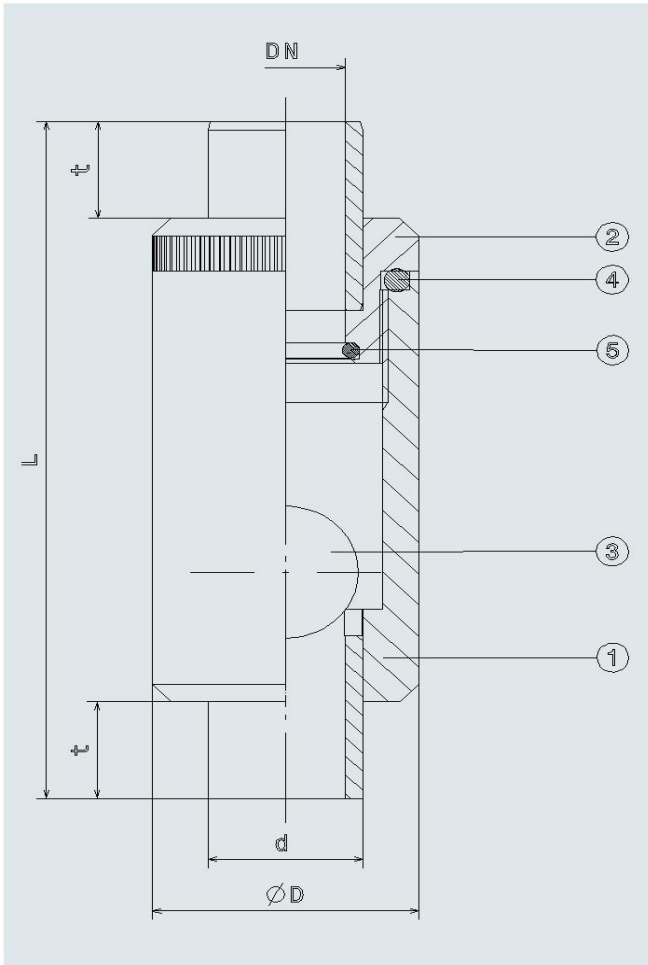
### AIR QUANTITY DIGRAM



We recommend to not exceed a fluid speed of 20 m/s.



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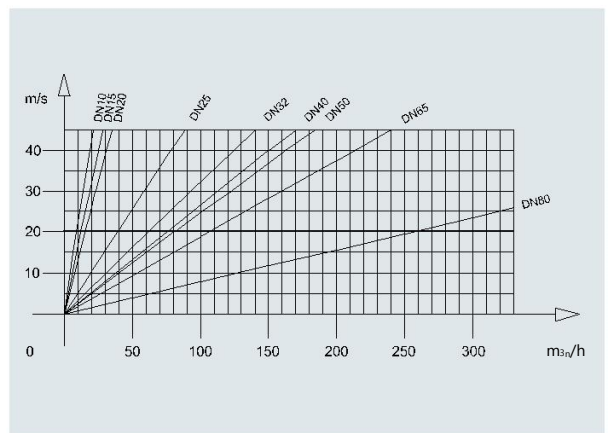
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