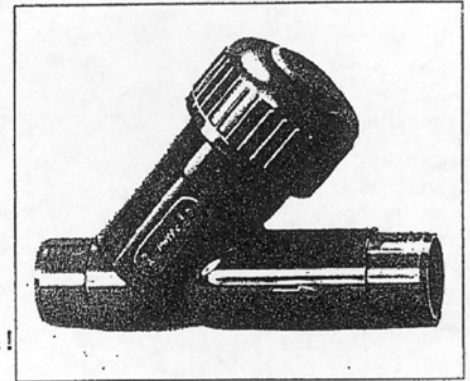




Non return angle seat valve

SRV 303

- | | |
|--------------------------------------|---|
| Hermetically sealed | - at low operating pressure! |
| Corrosion resistant | - made of PVC, PP or PVDF! |
| Free of metal | - no fluid oxidation! |
| High system pressure | - up to PN 10 at 20 °C! |
| Fracture-proof | - materials of high impact strength! |
| Low pressure loss | - advantageous body design! |
| Solvent or fusion welding connection | - union or flange connection available! |
| Simple installation | - constructed for a long life-time! |
| Fitting position | - horizontal and vertical, closing the back flow (closing function) towards the direction of the arrow (upright piston) |



The piston with a liquid-tight encased metal core guarantees a complete closing already at low working pressure.

Material

Housing, piston:

- PVC-U
- PP (Polypropylen)
- PVDF (Polyvinylidenfluorid)

O-Ring, gasket:

- EPDM, FPM (Viton A) standard for PVC and PP execution
- FPM (Viton A) standard for PVDF execution

Other materials on request!

Technical data

Pressure: up to DN 25 = PN 10
 from DN 32 - 65 = PN 6
 from DN 80 - 100 = PN 4
 at 20 °C

Working temperature:

Acc. to the working conditions (system pressure, load condition) the temperatures are:

- PVC + 60 °C
- PP + 80 °C
- PVDF +120 °C

Connections:

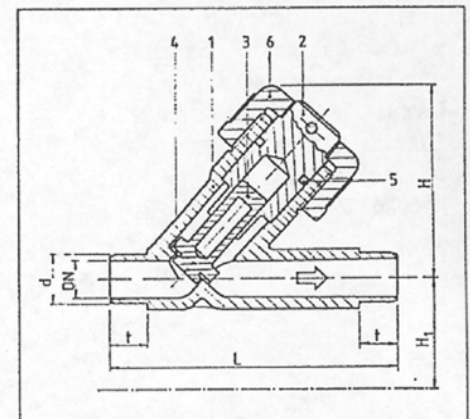
- PVC: - up to DN 50 - spigot ends for solvent welding acc. to DIN 8063, TL. 8
 - from DN 65 - solvent socket acc. to DIN 8063, TL. 3
- PP, PVDF: spigot ends for fusion welding acc. to DIN 3442, Form S
 PP from DN 65 solvent welding socket acc. to DIN 16962

On request union or flange connection available!

Dimension mm - Order no.

Dimensions ²⁾

The dimension L corresponds the size L1 in DIN 3441 and is used e.g. for the ASV Flange adaptor, for valve-dimension L acc. to DIN 3202, Fl.



2) Execution with solvent socket, see next page

4) Weight for PVC! Conversion: PVC:PP:PVDF ~ 1,0:0,8:1,2

Dimension								Execution - Order No.				Opening pressure		Weight g ⁴⁾
d	DN mm	DN Zoll	H ₁ ¹⁾	H	t	t ₁ ⁵⁾	l	PVC-U EPDM	FPM	PP EPDM	FPM	PVDF FPM	mbar	
20	15	1/2"	-	75	16	14,5	124	54245	61141	112938	112947	112956	30	135°
25	20	3/4"	30	80	19	16,0	144	54246	62387	112939	112948	112957	35	225
32	25	1"	35	90	22	18,0	154	54247	60666	112940	112949	112958	40	360
40	32	1 1/4"	42	110	26	20,5	174	54248	61142	112941	112950	112959	40	610
50	40	1 1/2"	48	128	31	23,5	194	54249	61449	112942	112951	112960	80	870
63	50	2"	56	150	38	27,5	224	54250	59694	112943	112952	112961	100	1450
75	65	2 1/2"	-	180	44	-	242 ³⁾	54232	59887	-	65408	-	150	3430
90	80	3"	-	190	51	-	262 ³⁾	54233	47417	-	59754	-	200	4750
110	100	4"	-	235	61	-	325 ³⁾	54234	-	-	-	-	200	7000

1) Height of valve holding

5) For heating element socket welding fittings

3) No standard length



Stübbe®

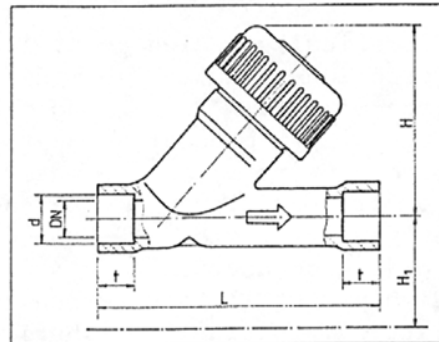
Accessories:

- for horizontal or vertical installation with inverted valve body (please indicate in case of order) a FEP-coated spring assures a correct closing function!
- valve holding made of PVC-U, e.g. pipeline fixed point, see leaflet 1062-003.

Dimensions

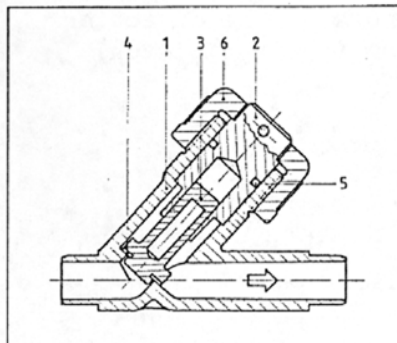
Execution with solvent socket (PVC) acc. to DIN 8063, T1, 3, only from DN 65!

Please take into account the different size "t" for solvent or heating element socket welding connection acc. to DIN.



Part list

Materials according to order no.!

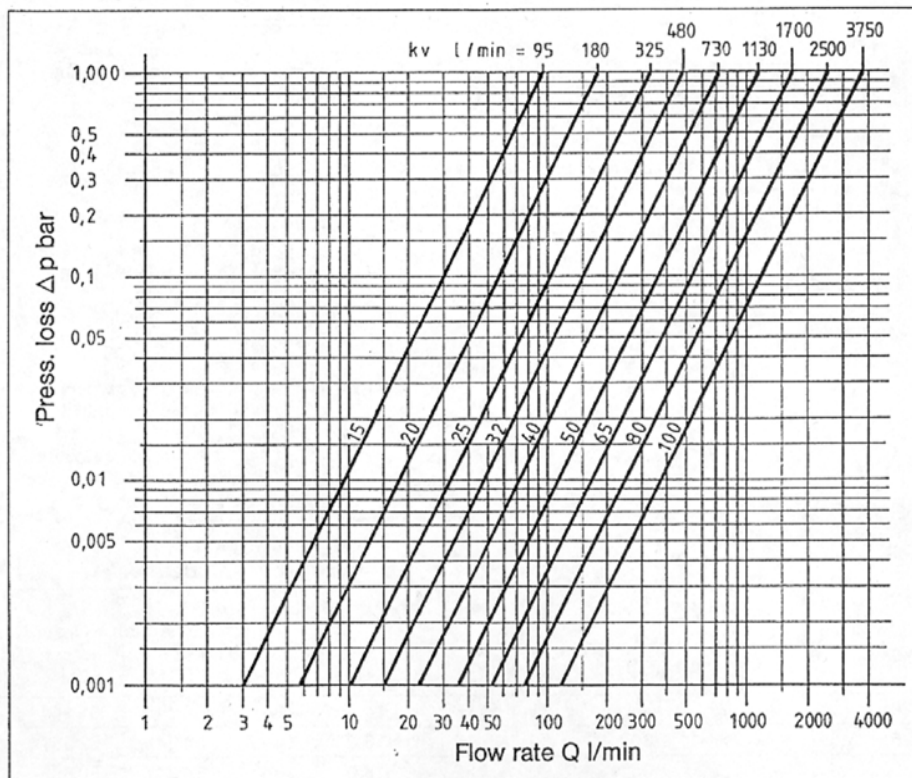


Part No.	Pcs.	Denomination
1	1	Body
2	1	Plug
3	1	Piston
4	1	Gasket
5	1	O-Ring
6	1	Cap

Pressure loss and k_v -value

The graph shows pressure loss Δp in relation to flow. The k_v -value ($k_v = Q$ l/min at $\Delta p = 1$ bar) is indicated. The following formula is applied for conversion purposes:

$$k_v = 14,28 \cdot C_v = 17,09 \cdot f_v$$



Technical alterations excepted