

Vent valves and check valves SV 91 – SV 95



- Materials PVC or PPH; FPM sealing
- From ND 10 to ND 100
- SV 91 with free cone
- SV 95 with PTFE coated spring

APPLICATIONS

The cone valves SV 91 and SV 95 can be used as check valves.

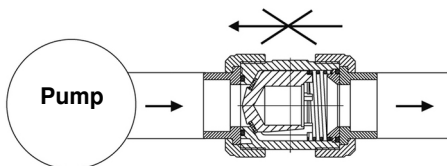
DESCRIPTION

The SV91 and SV95 models can be used as non-return valves, vertical mounting with ascending flow.

The SV95 valve can also be used in a horizontal position or as a vacuum breaker for a tank.

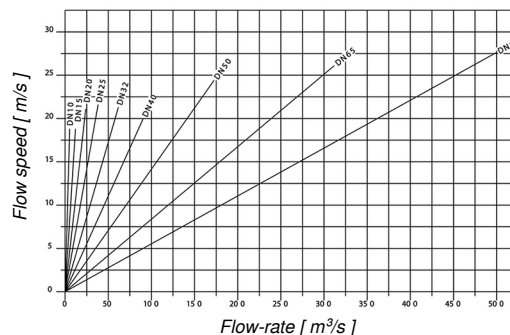
TECHNICAL FEATURES

Body	PVC or PPH (PVDF on request)
Sealing	FPM (EPDM on request)
Cone	PVC or PPH (PVDF on request), (The cone material is identical to the one of body) Opening at 0.025 bar
Spring	PTFE coated (AISI 316 core) Minimum hold pressure 0.06 bar
Fittings	PVC, sockets for solvent welding PPH, socket for fusion welding

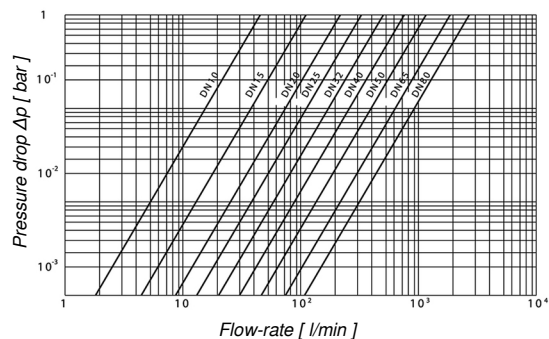


Check valve function (SV95)

SV 91: Air application



SV 95: Pressure drop vs. flow-rate



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Vent valves and check valves
SV 91 – SV 95

12-03-2021

D-949.01-EN-AC

PLAS

949-01 /1

CODE NUMBERS AND REFERENCES

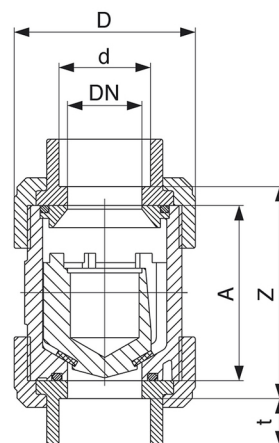
SV 91, PVC body / FPM sealing		SV 91, PPH body / FPM sealing	
Code	Reference	Code	Reference
949 101	SV 91 PVC/FPM - DN 10	949 111	SV 91 PPH/FPM - DN 10
949 102	SV 91 PVC/FPM - DN 15	949 112	SV 91 PPH/FPM - DN 15
949 103	SV 91 PVC/FPM - DN 20	949 113	SV 91 PPH/FPM - DN 20
949 104	SV 91 PVC/FPM - DN 25	949 114	SV 91 PPH/FPM - DN 25
949 105	SV 91 PVC/FPM - DN 32	949 115	SV 91 PPH/FPM - DN 32
949 106	SV 91 PVC/FPM - DN 40	949 116	SV 91 PPH/FPM - DN 40
949 107	SV 91 PVC/FPM - DN 50	949 117	SV 91 PPH/FPM - DN 50
949 108	SV 91 PVC/FPM - DN 65	949 118	SV 91 PPH/FPM - DN 65
949 109	SV 91 PVC/FPM - DN 80	949 119	SV 91 PPH/FPM - DN 80
949 110	SV 91 PVC/FPM - DN 100	949 120	SV 91 PPH/FPM - DN 100

Check valves with PTFE coated spring

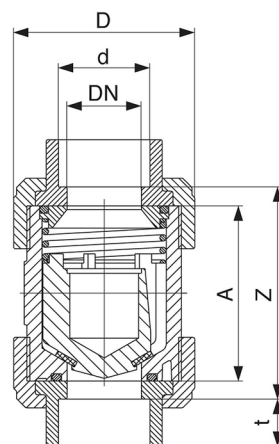
SV 95, PVC body / FPM sealing		SV 95, PPH body / FPM sealing	
Code	Reference	Code	Reference
949 001	SV 95 PVC/FPM - DN 10	949 011	SV 95 PPH/FPM - DN 10
949 002	SV 95 PVC/FPM - DN 15	949 012	SV 95 PPH/FPM - DN 15
949 003	SV 95 PVC/FPM - DN 20	949 013	SV 95 PPH/FPM - DN 20
949 004	SV 95 PVC/FPM - DN 25	949 014	SV 95 PPH/FPM - DN 25
949 005	SV 95 PVC/FPM - DN 32	949 015	SV 95 PPH/FPM - DN 32
949 006	SV 95 PVC/FPM - DN 40	949 016	SV 95 PPH/FPM - DN 40
949 007	SV 95 PVC/FPM - DN 50	949 017	SV 95 PPH/FPM - DN 50
949 008	SV 95 PVC/FPM - DN 65	949 018	SV 95 PPH/FPM - DN 65
949 009	SV 95 PVC/FPM - DN 80	949 019	SV 95 PPH/FPM - DN 80
949 010	SV 95 PVC/FPM - DN 100	949 020	SV 95 PPH/FPM - DN 100

DIMENSIONS

	d	G	L	L1	A	Z	t	D	PN
DN 10	16	3/8"	114	120	62	67,5	16,5	53	16
DN 15	20	1/2"	120	130	62	67,5	16,5	53	16
DN 20	25	3/4"	144	150	70	76	19,5	63	16
DN 25	32	1"	154	160	74	81	22,5	70	16
DN 32	40	1 1/4"	174	180	84	90	26,5	85	16
DN 40	50	1 1/2"	194	200	95	104	31,5	101	16
DN 50	63	2"	224	230	109	121	38,5	121,5	16
DN 65	75	2 1/2"	284	290	137	148	45	155	16
DN 80	90	3"	300	310	163	183	55,5	188	10
DN 80	110	4"	340	350	163	176	64	188	6



SV 91



SV 95

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