

Threaded check valve, article 605-VA

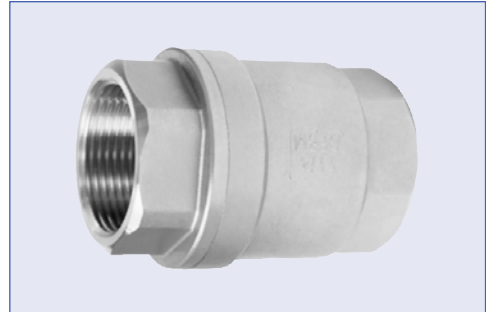
Diameter G 1/4" up to G 3"

Threaded check valve made of cast stainless steel with spring return for general industrial use. Suitable for slightly to moderately aggressive gaseous and liquid media, taking into account the material resistance of stainless steel 1.4408.

Valve disc metallic 100% sealing, resetting by means of a spring. Minimal pressure loss, valve disc is already opening with very low inlet pressure.

☞ **Both sides long female threads according to ISO 228-1**

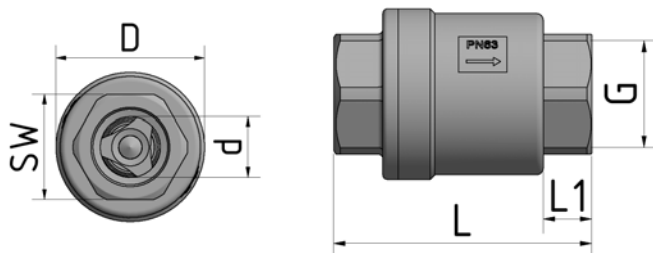
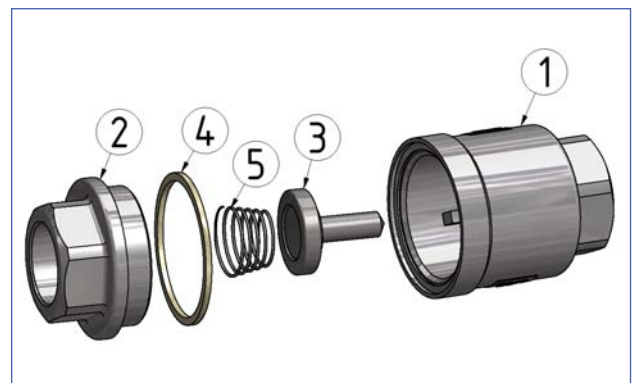
Body ends with hexagon socket surfaces (SW), this enables easy installation in the pipeline system.



	Ambient	-40° C ... +80° C
	Medium	-25° C ... +180° C

Article 605-VA

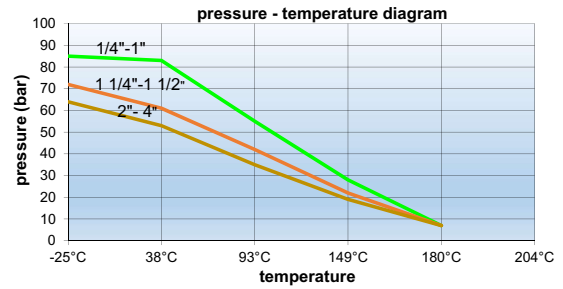
Pos.	Description	Material
1	Body	Stainless steel CF8M
2	Body cap	Stainless steel CF8M
3	Disc / Stem	Stainless steel CF8M
4	Sealing ring	PTFE
5	Spring	Stainless steel SS316



	Article-No.:								
Diameter	605-VA Stainless steel	L (mm)	LI (mm)	ØD (mm)	Ød (mm)	SW (mm)	Opening pressure Spring (bar)	Design pressure (bar)	Weight (kg)
G 1/4"	502.1489.5.61	53,0	13,0	30,5	8,0	22,0	~ 0,038	63,0	0,17
G 3/8"	502.1489.5.62	53,0	13,0	30,5	10,0	22,0	~ 0,040	63,0	0,15
G 1/2"	502.1489.5.63	56,0	14,0	37,0	15,0	26,0	~ 0,040	63,0	0,21
G 3/4"	502.1489.5.65	63,0	16,0	42,0	20,0	32,0	~ 0,039	63,0	0,29
G 1"	502.1489.5.67	74,0	18,0	48,0	25,0	40,0	~ 0,038	63,0	0,40
G 1 1/4"	502.1489.5.68	81,0	21,0	58,0	30,0	48,0	~ 0,038	63,0	0,65
G 1 1/2"	502.1489.5.69	91,0	21,0	70,0	38,0	55,0	~ 0,028	63,0	0,98
G 2"	502.1489.5.71	97,0	24,0	82,0	47,0	68,0	~ 0,026	63,0	1,40
G 2 1/2"	502.1489.5.72	118,0	28,0	102,5	61,0	85,0	~ 0,030	63,0	2,44
G 3"	502.1489.5.73	138,0	34,0	120,0	75,0	100,0	~ 0,028	63,0	3,80

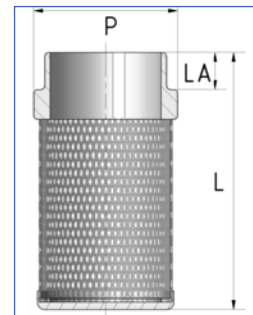
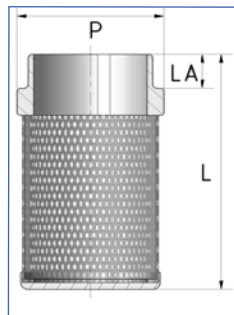
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Diameter G 1/4" up to G 3"



Diameter	1/4" (DN 8)	3/8" (DN 10)	1/2" (DN 15)	3/4" (DN 20)	1" (DN 25)	1 1/4" (DN 32)	1 1/2" (DN 40)	2" (DN 50)	2 1/2" (DN 65)	3" (DN 80)
Opening pressure → (bar)	0,038	0,040	0,040	0,039	0,038	0,038	0,028	0,026	0,030	0,028
Cv-Value	0,2	1,3	3,9	8,3	14,8	16,5	26,3	36,8	63,0	87,5
KV m³/hour (ΔP 1,0 bar)	0,18	1,11	3,3	7,1	12,7	14,1	22,5	36,8	54,0	87,5

optional accessories inlet strainer



Inlet strainer, article 528-V4A

Description	Material
Thread part	Stainless steel 316L
Strainer	Stainless steel 316L

Inlet strainer, article 528-NY

Description	Material
Thread part	Nylon
Strainer	Stainless steel AISI 431

Diameter	Article-No	L (mm)	LA (mm)	P (mm)	Mesh size (mm)	Weight (kg)
	528-V4A Stainless steel					
G 1/2"	207.1467.6.63	55,0	9,0	22,0	1,0	0,015
G 3/4"	207.1467.6.65	62,9	9,2	29,0	1,0	0,025
G 1"	207.1467.6.67	71,0	9,0	36,0	1,0	0,034
G 1 1/4"	207.1467.6.68	80,0	13,7	43,0	1,0	0,052
G 1 1/2"	207.1467.6.69	90,0	13,7	49,0	1,0	0,062
G 2"	207.1467.6.71	101,0	13,5	60,0	1,0	0,095
G 2 1/2"	207.1467.6.72	111,0	18,3	80,0	1,8	0,135
G 3"	207.1467.6.73	125,0	18,0	92,0	1,8	0,168

Diameter	Article-No	L (mm)	LA (mm)	P (mm)	Mesh size (mm)	Weight (kg)
	528-NY Nylon					
G 3/8"	26.1467.0.62	42,0		25,5	1,2	0,015
G 1/2"	26.1467.0.63	47,0	7,1	29,5	1,2	0,018
G 3/4"	26.1467.0.65	57,5	7,6	36,0	1,2	0,028
G 1"	26.1467.0.67	69,0	10,0	43,5	1,2	0,037
G 1 1/4"	26.1467.0.68	75,0	10,0	50,5	1,2	0,055
G 1 1/2"	26.1467.0.69	83,0	10,5	56,5	1,2	0,065
G 2"	26.1467.0.71	98,0	11,5	69,0	1,2	0,088
G 2 1/2"	26.1467.0.72	123,0	14,5	86,0	2,0	0,128
G 3"	26.1467.0.73	138,0	14,5	102,0	2,0	0,172