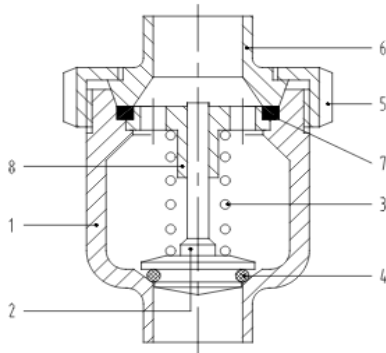


## Check Valves

- Features:**
- \* High strength construction from solid stainless steel block.
  - \* Wide diaphragm opening to permit passage of solid particles.
  - \* PTFE sealing gasket or other elastomers on request.
  - \* Equipped with low-pressure springs allowing either vertical or horizontal valve operation.
  - \* Standard finish: 120 grain external polishing and internal glazing.
  - Other finishes on request.
  - \* Maximum operating pressure: 10 bars

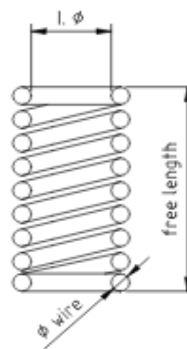
**Components Check valves:**



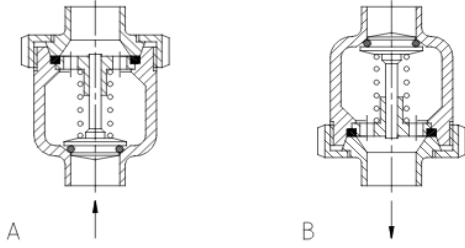
PARTS LIST		
1	Valve casing	Aisi 304L/Aisi 316L
2	Head seal	Aisi 316L
3	Spring	Aisi 304L
4	Seal	PTFE, EPDM, silicone, FTM
5	Nut	Aisi 304L
6	Union	Aisi 304L/Aisi 316L
7	Gasket	EPDM
8	Diaphragm	Aisi 316L

**Spring:**

VALVE SIZE	I Ø	Ø WIRE	FREE LENGTH	NO. COILS
12	11 mm	0.8 mm	44 mm	20
19	12.2 mm	0.9 mm	60 mm	16
25/34	15.5 mm	1 mm	50 mm	13 ¼
38/40	15.5 mm	1 mm	70 mm	17 ¼
51/52	15.5 mm	1.3 mm	72 mm	15
63/70	15.5 mm	1.5 mm	72 mm	18 ½
76/85	20.4 mm	2 mm	70 mm	16
101	20.5 mm	2.3 mm	82 mm	16



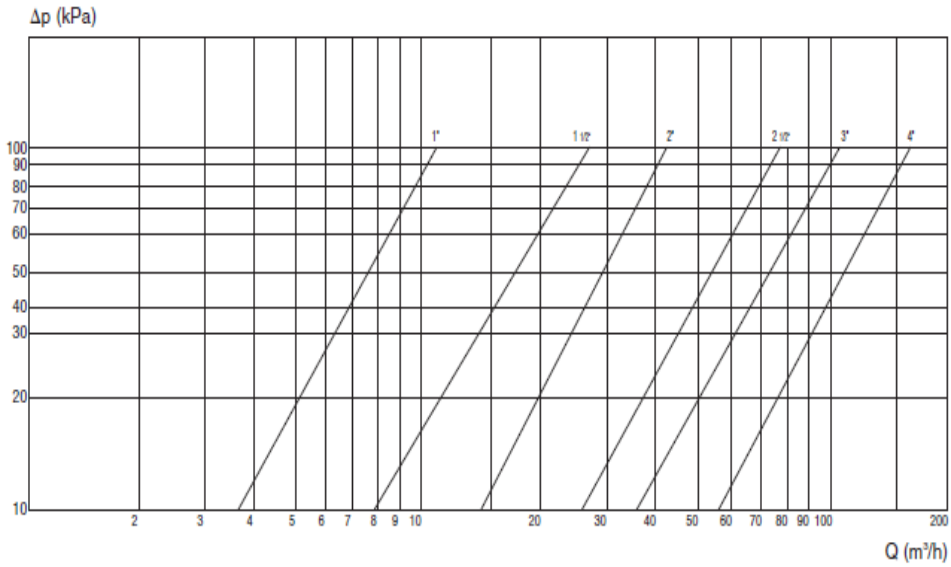
Opening pressure range:



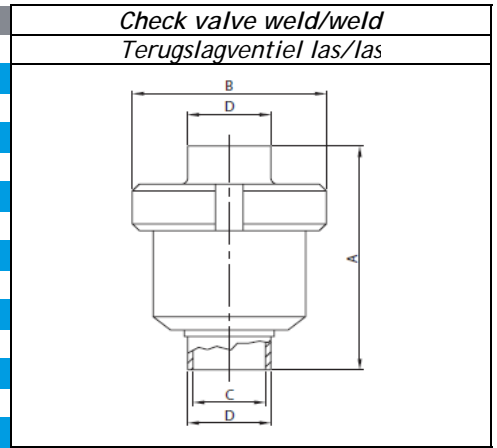
Check valves DIN standards:

VALVE SIZE	BAR	25/34	38/40	51/52	63/70	76/85
28	A	0.119	0.266	0.780	0.870	0.996
	B	0.089	0.236	0.750	0.840	0.966
40	A	0.055	0.115	0.219	0.361	0.418
	B	0.029	0.089	0.193	0.334	0.392
52	A	0.036	0.067	0.096	0.196	0.228
	B	0.008	0.035	0.069	0.168	0.200
70	A				0.073	0.089
	B				0.046	0.061
85	A					0.063
	B					0.036

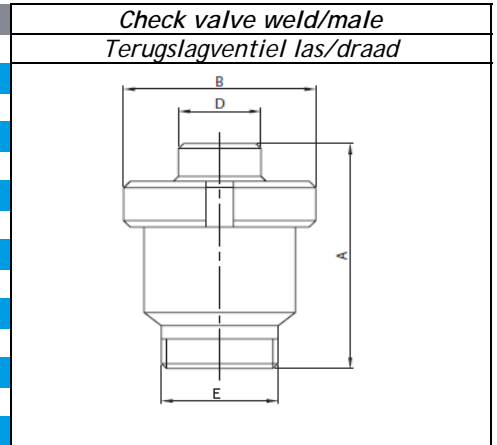
Pressure drop:



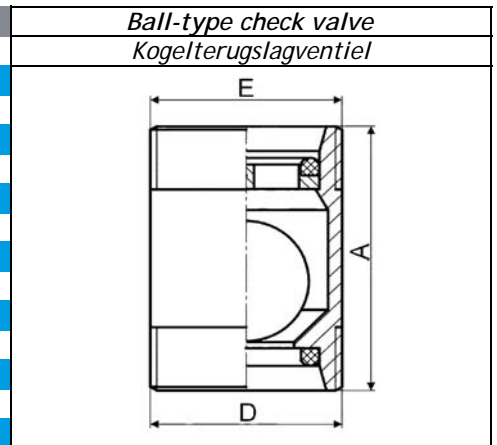
NW	A	B	C	D	E
25	87	78	25	28	
32	89	92	31	34	
40	97	92	37	40	
50	101,5	112	49	52	
65	119,5	138	66	70	
80	132	148	81	85	
100	118	148	100	104	



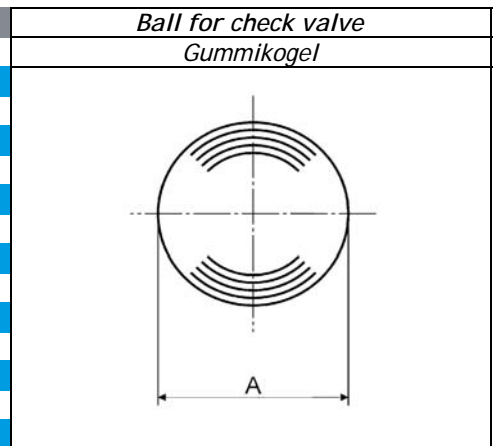
NW	A	B	C	D	E
25	89	78	28		Rd 52x1/6"
32	94	92	34		Rd 58x1/6"
40	105	92	40		Rd 65x1/6"
50	109,5	112	52		Rd 78x1/6"
65	132,5	138	70		Rd 95x1/6"
80	134	148	85		Rd 110x1/4"
100	126	158	104		Rd 130x1/4"

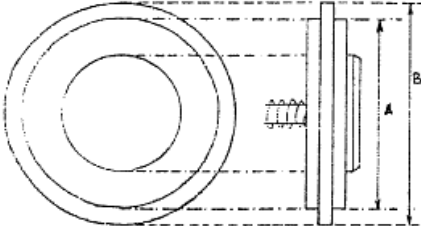


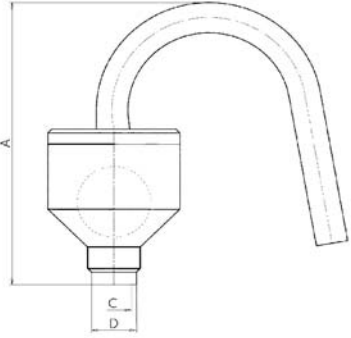
NW	A	B	C	D	E
25	75			Rd 52x1/6"	Rd 52x1/6"
32	87			Rd 58x1/6"	Rd 58x1/6"
40	94,5			Rd 65x1/6"	Rd 65x1/6"
50	95			Rd 78x1/6"	Rd 78x1/6"
65	117			Rd 95x1/6"	Rd 95x1/6"
80	159			Rd 110x1/4"	Rd 110x1/4"
100	180			Rd 130x1/4"	Rd 130x1/4"

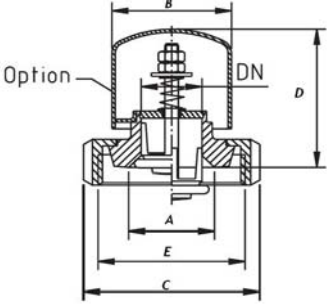


NW	A	B	C	D	E
25	34				
32	40				
40	46				
50	59				
65	75				
80	90				
100	110				

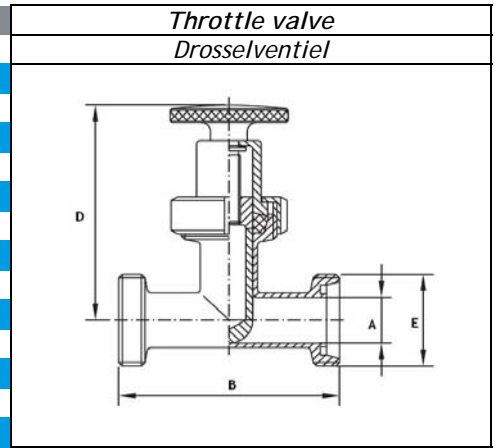


<i>Non-return valve for union</i> <i>Terugslagklep inbouw</i>	NW	A	B	C	D	E
	1" - 25	22,4	35,5			
	1,5" - 40	34,6	51,1			
	2" - 50	47,3	63,1			
	2,5" - 65	59,8	80,4			
	3"	80,5	94,3			
	80	71,5	88,1			
	4" - 100	97,5	113,3			

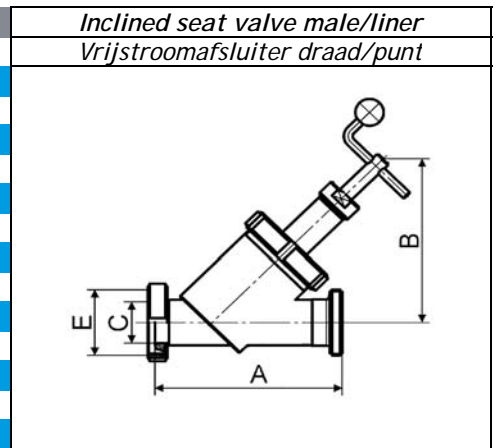
<i>Vent valve (ball type)</i> <i>Ontluchtingsventiel met kogel</i>	NW	A	B	C	D	E
	12	110		12,3	17	

<i>Vacuum valve</i> <i>Vacuumventiel</i>	NW	A	B	C	D	E
	25/40	38	53x1,5	78	64	Rd 65x1/6"
	32/50	50	70x2,0	92	75	Rd 78x1/6"
	40/65	66	70x2,0	112	83	Rd 95x1/6"
	50/80	81	85x2,0	127	88	Rd 110x1/4"
	65/100	100	104x2,0	148	106	Rd 130x1/4"
	80/125	125	129x2,0	178	103	Rd 160x1/4"
	100/150	150	154x2,0	210	121	Rd 190x1/4"

NW	A	B	C	D	E
25	26	128		120	Rd 52x1/6"
32	31	128		135	Rd 58x1/6"
40	38	138		145	Rd 65x1/6"
50	50	154		150	Rd 78x1/6"
65	66	168		225	Rd 95x1/6"
80	81	230		310	Rd 110x1/4"



NW	A	B	C	D	E
25	156	170	28		Rd 52x1/6"
32	173	170	34		Rd 58x1/6"
40	203	185	40		Rd 65x1/6"
50	213	220	52		Rd 78x1/6"
65	272	265	70		Rd 95x1/6"



<i>Angle body valve manual</i> <i>Overstr. Hoekventiel handbediend</i>	NW	A	B	C	D	E
	25	79		26	29	
	32	85		32	35	
	40	92		38	41	
	50	102		50	53	
	65	117		66	70	
	80	130		81	85	
	100	150		100	104	

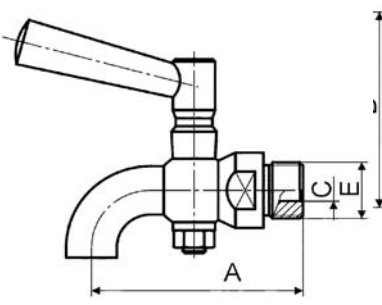
<i>Angle body valve spring loaded</i> <i>Overstr. Hoekventiel veer belast</i>	NW	A	B	C	D	E
	25	72		26	233	
	32	77		32	235	
	40	82		38	270	
	50	93		50	340	
	65	106		66	345	
	80	115		81	370	

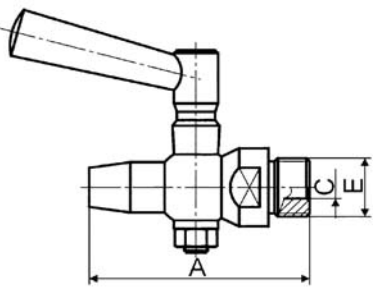
<i>Angle body valve manuel modulating</i> <i>Overstr. Hoekventiel handbediend regul.</i>	NW	A	B	C	D	E
	25	72		79	26	
	32	77		85	32	
	40	82		92	38	
	50	93		102	50	
	65	106		117	66	
	80	115		130	81	

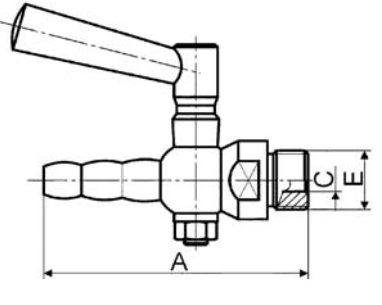
NW	A	B	C	D	E	<i>Ball valve 2-pieces screwed ends</i> <i>Kogelkraan 2-delig binnendraad</i>
8					R 1/4"	
10					R 3/8"	
15					R 1/2"	
20					R 3/4"	
25	For exact measurements please contact us !				R 1"	
32					R 1 1/4"	
40					R 1 1/2"	
50					R 2"	
65					R 2 1/2"	
80					R 3"	

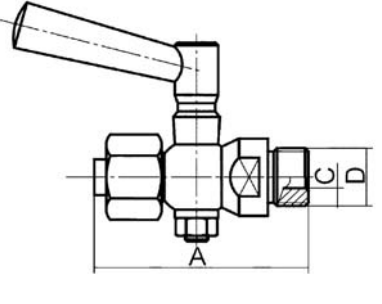
NW	A	B	C	D	E	<i>Ball valve 3-pieces screwed ends</i> <i>Kogelkraan 3-delig binnendraad</i>
8					R 1/4"	
10					R 3/8"	
15					R 1/2"	
20					R 3/4"	
25	For exact measurements please contact us !				R 1"	
32					R 1 1/4"	
40					R 1 1/2"	
50					R 2"	
65					R 2 1/2"	
80					R 3"	

NW	A	B	C	D	E	<i>Ball valve 3-pieces weld ends</i> <i>Kogelkraan 3-delig las einden</i>
8	11,6	17				
10	12,7	19,5				
15	15	22				
20	20	27,5				
25	25	34				
32	32	41,5				
40	38	48,6				
50	50	62				
65	65	76,3				
80	80	92				
100	100	115				

<i>Drain cock</i> <i>Aftapkraan bocht90</i>	NW	A	B	C	D	E
	8	55		4		R 1/4"
	10	62		6		R 3/8"
	15	72		8		R 1/2"
	20	100		12		R 3/4"
	25	134		20		R 1"

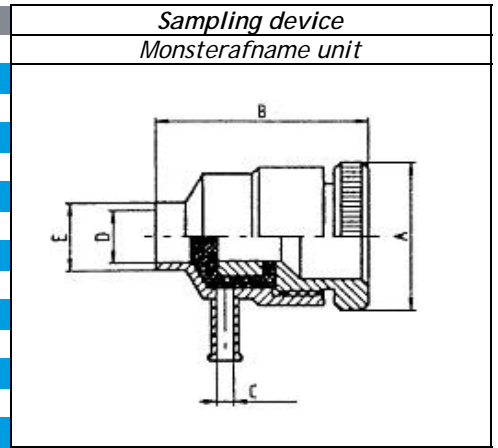
<i>Test cock</i> <i>Aftapkraan recht</i>	NW	A	B	C	D	E
	8	58		4		R 1/4"
	10	67		6		R 3/8"
	15	75		8		R 1/2"
	20	98		12		R 3/4"
	25	128		20		R 1"

<i>Assay cock</i> <i>Aftapkraan met tule</i>	NW	A	B	C	D	E
	8	72		4		R 1/4"
	10	81		6		R 3/8"
	15	91		8		R 1/2"
	20	124		12		R 3/4"
	25	155		20		R 1"

<i>Drain cock</i> <i>Aftapkraan stomp</i>	NW	A	B	C	D	E
	8	57		4		R 1/4"
	10	69		6		R 3/8"
	15	74		8		R 1/2"
	20	98		12		R 3/4"
	25	128		20		R 1"

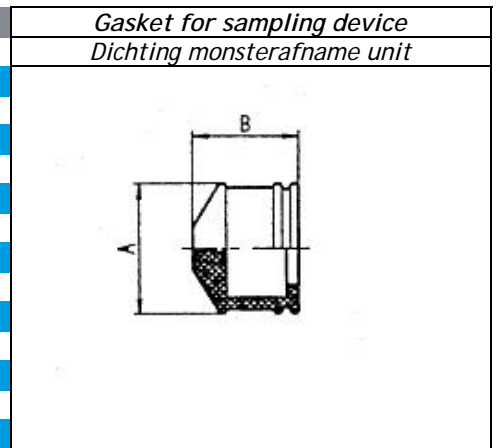


NW	A	B	C	D	E
15	45	62	6	16	20
40	45	63	6	37	40

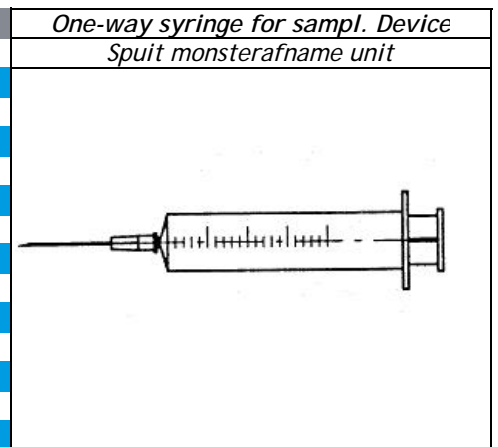


NW	A	B	C	D	E
15	32	25			
40	32	25			

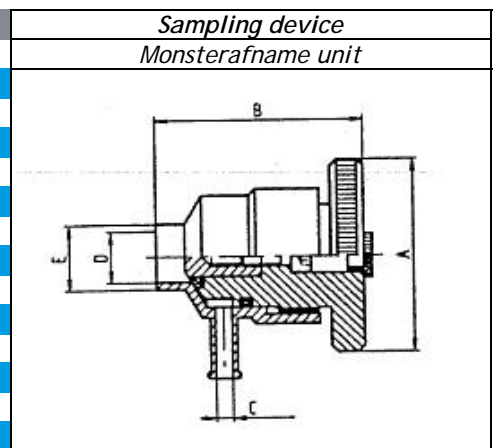
available in: silicone  
epdm  
viton

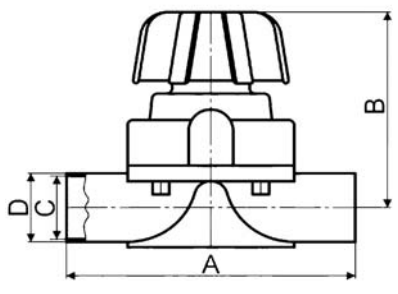


NW	A	B	C	D	E
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NW	A	B	C	D	E
15	60	62,5	6	16	20
40	60	63,5	6	37	40



<i>Diaphragm valve</i> <i>Membranaafsluier</i>		NW	A	B	C	D	E
	6	Diaphragmvalve with almost full bore, weirless enabling:					
	1/4"	*	High volume flowpath				
	8	*	Low turbulence				
	3/8"	*	Reduced back pressure				
	10	*	Passing of solid particles				
	1/2"	*	Minimal bug trap potential				
	15	*	Machined flats ensure precise drain angle at point of installation (correct installation gives high CIP level)				
	3/4"						
	20		Body 316(L): butt weld, DIN, SMS, 3A, ISO, RJT, IDF, BSP or tc				
	1"		suit customer's specification.				
	25		Bonnet 304 or autoclaveable plastic, spindle 304,				
	1,25"		actuator 304 or autoclaveable plastic.				
	32		Handwheel GF Nuylon: Phenolic (fully autoclaveable).				
	1,5"		Actuator 304 or autoclaveable plastic.				
<i>Diaphragm</i> <i>Membran</i>	40	Actuator can be detached leaving the valvebody, bonnet and					
	2"	diaphragm undisturbed, inspring closed, spring open or					
	50	double acting.					
		F.D.A. approved diaphragm available in:					Epdm
							Silicone
							Viton
							PTFE
							NBR
		Finishes: Vacublast (gritt120, Max Ra=2,0Mu-AvRa=1,6Mu)					
		Satin (gritt320, Max Ra=0,9Mu-AvRa=0,6Mu)					
	Mirror polished (gritt400 Max Ra=0,4Mu-AvRa=0,1Mu)						
	Electropolished (Max Ra=0,1Mu-AvRa=0,04Mu)						