STAINLESS STEEL DUAL PLATE CHECK VALVE FKM SEAT

Reference(s)
33SJ0E5
33SJ1E5

CERTIFICAT 3.1 | CE | TÜVRheinland PED/2014/68/UE



References	Working pressure	∅ DN													
		50	65	80	100	125	150	200	250	300	350	400	450	500	600
33SJ1E5	16 bar	●	●	●	●	●	●	●	●	●					
33SJ0E5	10 bar										●	●	●	●	●

1. Standards

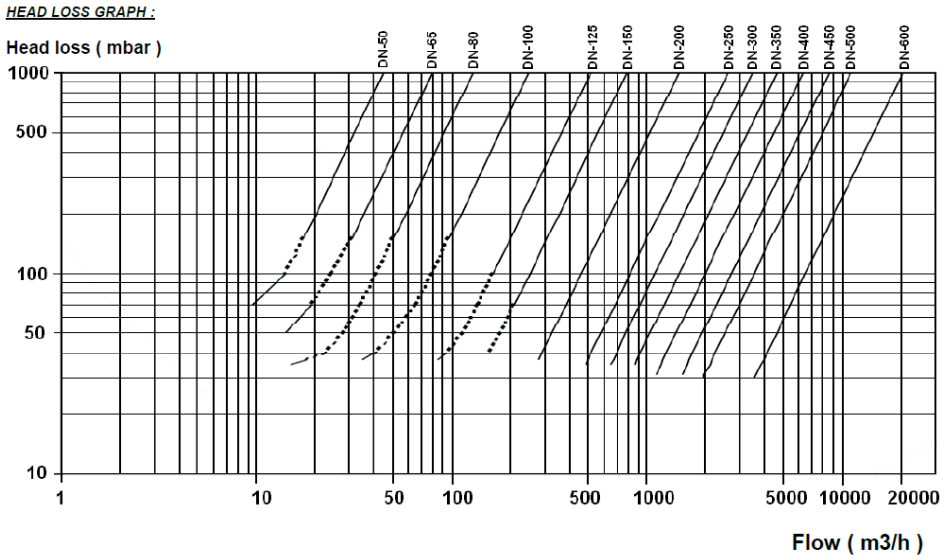
- ✓ Manufacturer certified ISO 9001 : 2015
- ✓ DIRECTIVE 2014/68/EU : CE
  N° 0035Risk Category III
  Module H
- ✓ Certificate 3.1 on request
- ✓ Designing according to API 594
- ✓ Pressure tests according to API 598, table 6
- ✓ Length according to EN 558 Series 50
- ✓ Between flanges according to EN 1092-1 PN10/16/25

2. Features

Use :	Chemical and pharmaceutical industries, petrochemical industries, hydraulic installation
Size :	DN 50 to 600
Connection :	Between flanges PN10/16, PN25 or Class 150 (PN20)
Min Temperature :	According to DN
Max Temperature :	-10°C
Max Pressure :	+180°C
Specifications :	FKM vulcanized seat Horizontal or vertical position with ascendant fluid Wafer type Hoisting eye from DN200 to 600 Weak headloss
Materials :	Stainless steel ASTM A351 CF8M body

Information provided as an indication and subject to possible modification

3. Head loss graph



4. Opening pressure

DN	50	65	80	100	125	150	200	250	300
Horizontal position	230	94	190	280	160	79	41	38	31
Vertical position – ascendant fluid	260	114	230	320	180	95	57	58	56

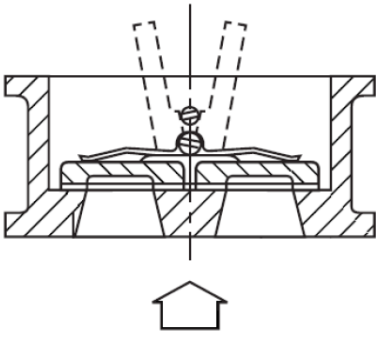
5. Connection

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
PN	PN10/40			PN25/40			PN25	PN10/16						

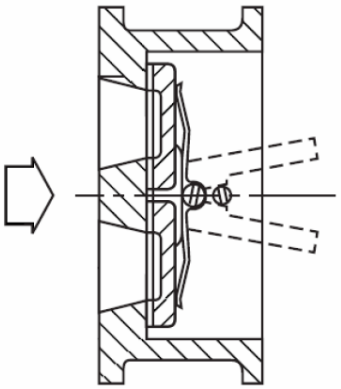
DN	100	125	150	200
PN	PN10/16			

6. Installation positions

Vertical position (ascendant fluid)



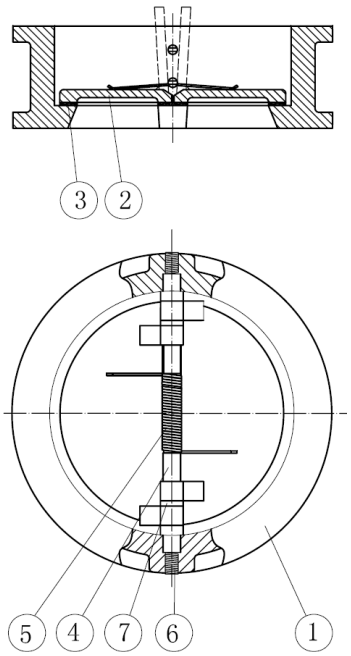
Horizontal position



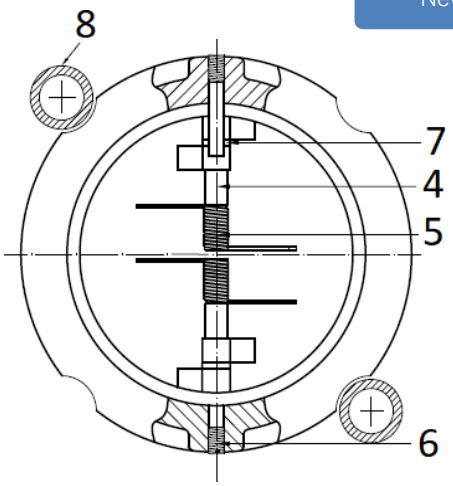
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7. Materials

DN 50 to DN80

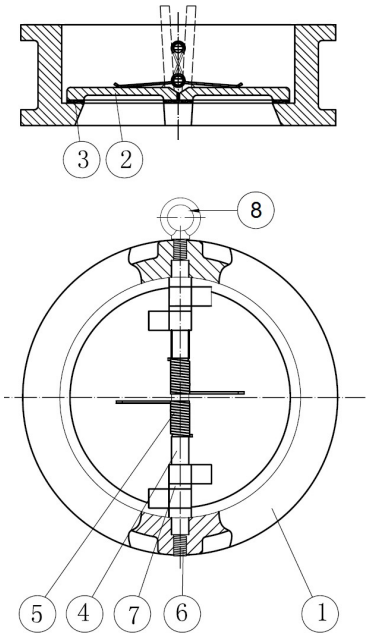


New type DN50-80



Item	Designation	Materials
1	Body	ASTM A351 CF8M
2	Disc	
3	Seat	FKM
4	Shaft	AISI 316
5	Spring	
6	Screw	
7	Spacer	PTFE
8 (only new type DN50)	Centering ring PN10/16	PPR

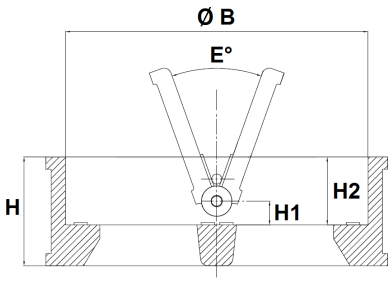
DN 100 to DN600

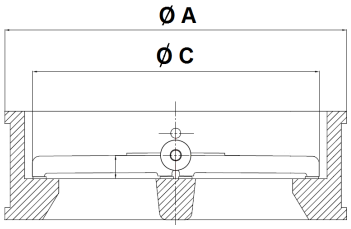


Item	Designation	Materials
1	Body	SS ASTM A351 CF8M
2	Disc	
3	Seat	FKM
4	Shaft	SS AISI 316
5	Spring	
6	Screw	
7	Spacer	PTFE
8	Hoisting eye (from DN200 to 600)	SS AISI 304

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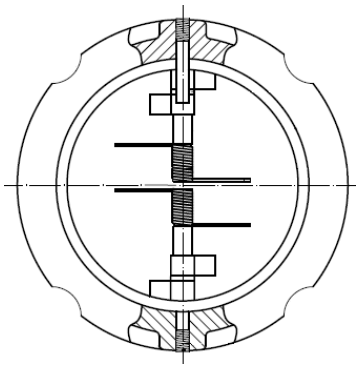
8. Size (in mm)

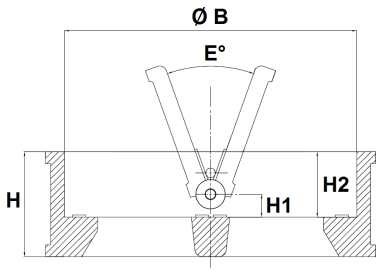


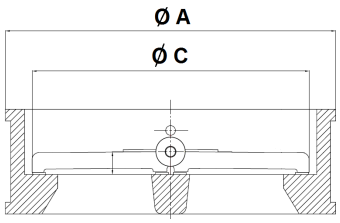


DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
H	54	54	57	64	70	76	95	108	144	184	191	203	213	222
H1	14.4	16.9	19.9	21	22.3	22.5	28	34	37	35	37.5	42.2	39.5	48.5
H2	43	43	45	47	51	54	69	71	100	120	123	122.6	132	138.5
Ø A	109	129	144	170	196	226	285	330	380	440	491	541	596	698
Ø B	70.5	83.5	91.5	115.5	142.5	169.5	220.5	275.5	325.5	356	406	467	514	616
Ø C	60.5	75.8	80.5	104.5	130.3	155.9	201.2	257.2	303.3	345.9	388.6	431.2	486.8	607.6
E°	0°	0°	0°	0°	0°	0°	0°	0°	0°	20°	20°	20°	25°	25°
Weight (Kg)	1.84	2.4	3.35	5.05	6.68	9.6	18.07	26.9	38.9	80	106	128	158	225

New model type size (in mm)







N	50	65	80	100	125	150	200
H	54	54	57	64	70	76	95
H1	14.4	16.9	19.9	21	22.3	22.5	28
H2	43	43	45	47	51	54	69
Ø A	109	129	144	164	194	220	275
Ø B	70.5	83.5	91.5	115.5	142.5	169.5	220.5
Ø C	60.5	75.8	80.5	104.5	130.3	155.9	201.2
E°	0°	0°	0°	0°	0°	0°	0°
Weight (Kg)	1.84	2.4	3.35	5.05	6.68	9.6	18.07

Information provided as an indication and subject to possible modification