SWING CHECK VALVE
FIG. 1450B-0303/1451V-0303

TECHNICAL DETAILS:

- Swing scheck valve with hinged disc
- Wafer design
- Materials: chromed steel, stainless steel
- Soft seal
- Suitable for flanges:
  - PN10/16 up to and including DN 150
  - PN 16 for DN 200 and up (1451V-0303: on request for PN 10 in DN 400 and DN 450)
  - Class 150/PN20 from DN 100 up to DN 300 (up to DN 400 for 1451V-0303)
- Working pressure 16 bar, 10 bar from DN 350
- With O-ring seals on the flanges

FIGURE:

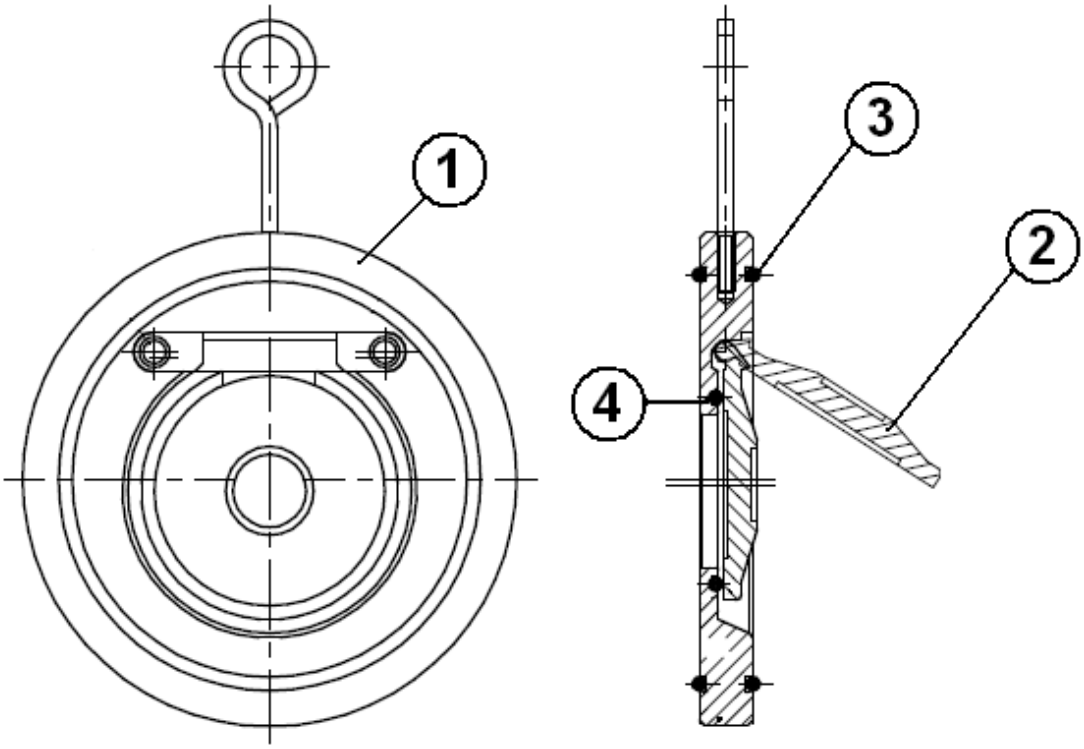
1450B-0303: body and disc in chromed steel, seat in NBR, temperature range -10°C ~ 80°C
1451V-0303: body and disc in stainless steel, seat in FKM, temperature range -10°C ~ 180°C



CE

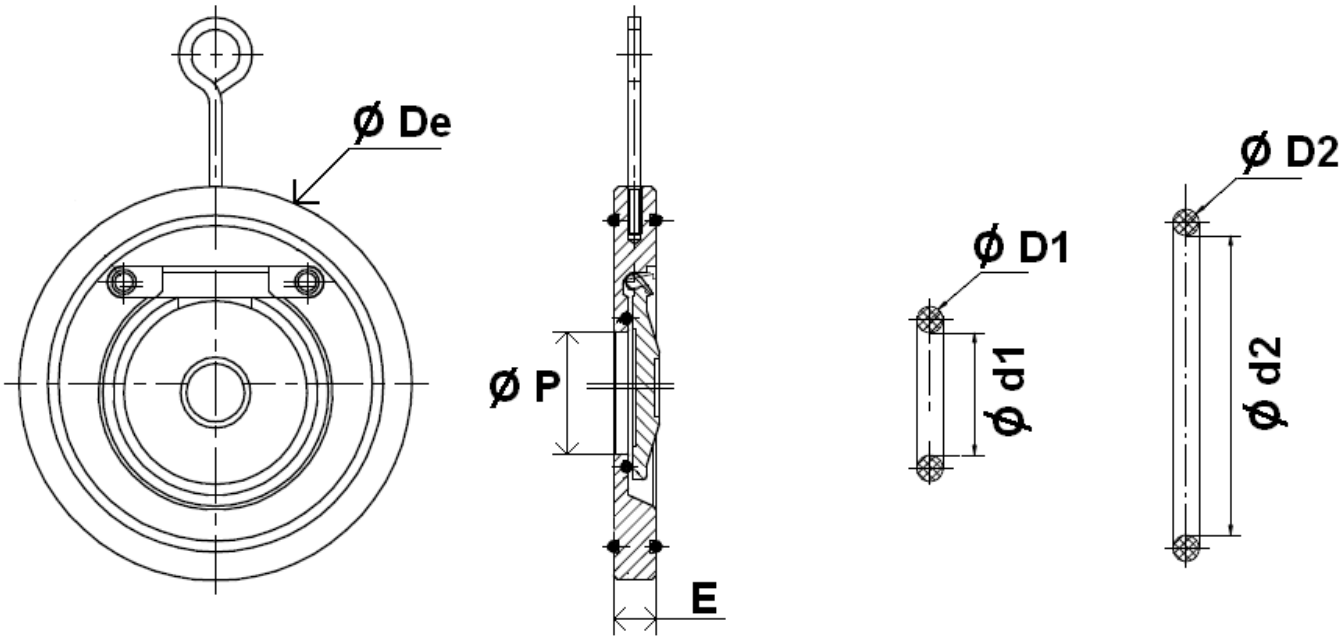
DESIGN STANDARDS	
Swing check valve	ISO 9001 : 2015, ISO 14001 : 2015, API 594, EN 16767
TESTS AND CERTIFICATES	
Quality Assurance	CE/PED
Face-to-face	EN 558 series 97 (NF 29377)
Flanges	Mounting between flanges according to EN 1092-1 PN10 / 16

Subject to changes



Pos.	Component	Material	
		1450B-0303	1451V-0303
1	Body	Chromed steel ASTM A216 WCB	Stainless steel ASTM A351 CF8M
2	Disc	Chromed steel ASTM A216 WCB	Stainless steel ASTM A351 CF8M
3	Seal	NBR	FKM
4	Seat	NBR	FKM

Subject to changes



PN 16

DN	E	Ø De	Ø P	Ø d2	Ø D2	Ø d1	Ø D1	Kg	
								1450B-0303	1451V-0303
40	14	94	19	70,1	3,8	21,6	3	0,69	0,69
50	14	109	27	80,7	3,8	29,3	3	0,86	0,86
65	14	129	28	100,2	3,8	34,8	3	1,2	1,2
80	14	144	43,5	107,8	3,8	48,7	3	1,49	1,49
100	18	164	60	134,8	3,8	62,9	3,8	2,42	2,42
125	18	194	83,5	158	3,8	84,8	3,8	3,29	3,29
150	20	220	100	186	3,8	101,5	3,8	4,72	4,72
200	22	275	141	240,1	3,8	144	3,8	7,92	7,92
250	26	331	179	284,4	3,8	181,6	3,8	13,73	13,73
300	32	386	212	328	6	216,4	6	21,04	21,04
350	38	466	246	385	8	259,2	8	*	31,5
400	44	497	285	435	8	298,2	8		47
450	50	557	320	486	8	336,2	8		70
500	56	619	366	534	8	382,2	8		96
600	62	736	448	630	8	468,2	8		135

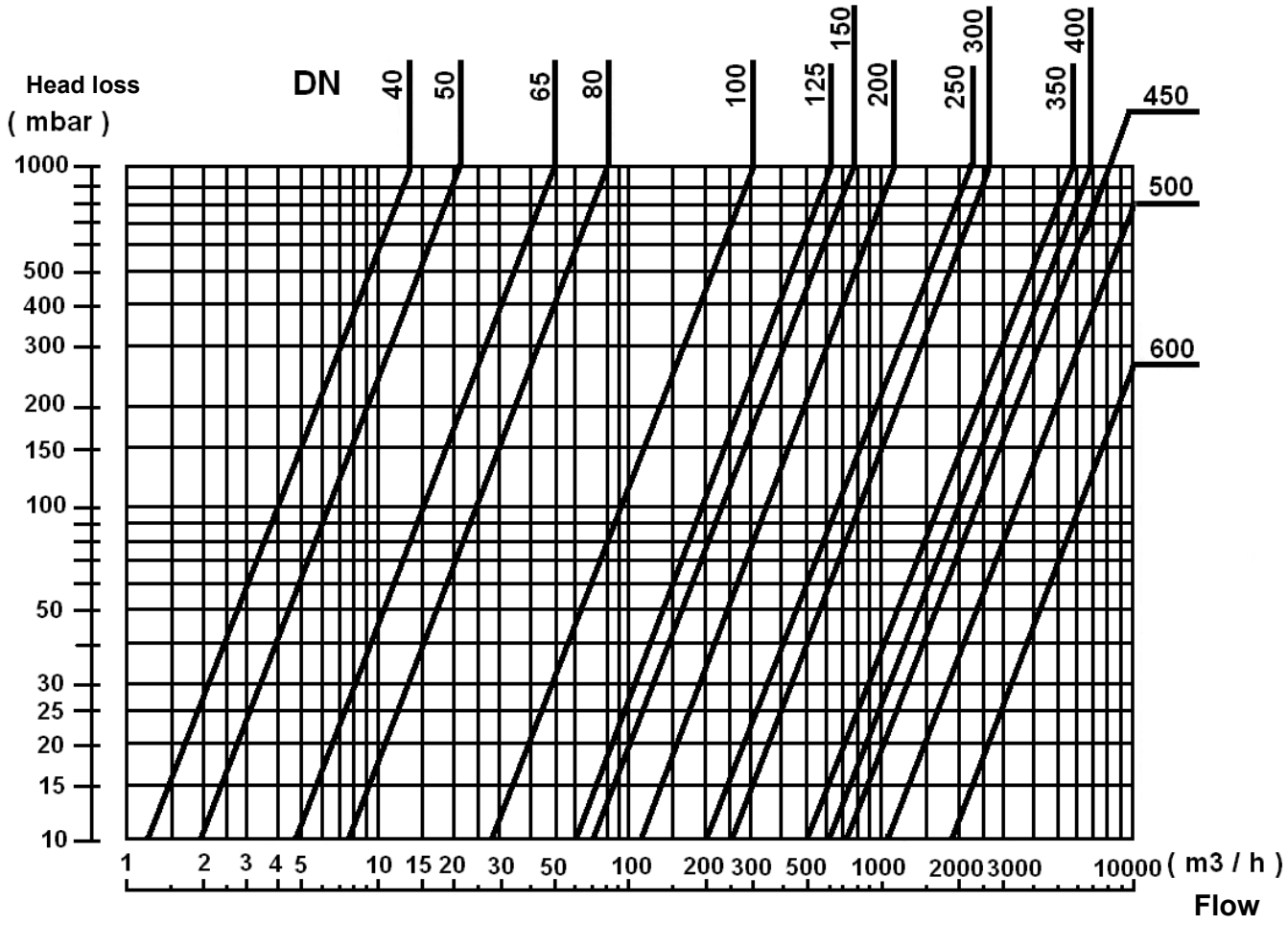
* DN not available for this article

PN 10

DN	E	Ø De	Ø P	Ø d2	Ø D2	Ø d1	Ø D1	Kg
								1451V-0303
400	44	491	285	435	8	298,2	8	47
450	50	541	320	486	8	336,2	8	70

Subject to changes

Head loss:



Subject to changes