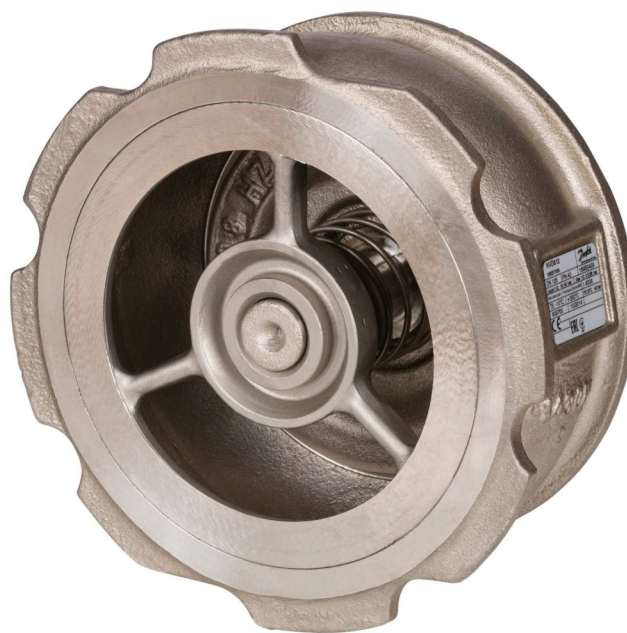




Butterfly valves

NVD 812

Features & benefits

- Operates in any position
- Easy to install and dismantle, space-saving
- Minimum head loss
- Does not generate hammering
- Closing system : disc with parabolic edges with return spring ; lateral guiding by 3 or 4 ribs (DN 15 to 100)
- Closing system with back axial guiding and return spring (ND 125 to 200)
- Metal/metal seal (machined trim)
- Using these check valves on networks equipped with piston pumps or compressors is not recommended

Ordering

Product code numbers

Type	Diameter [mm]	Kvs values [m ³ /h]	Pressure class	Code number
NVD 812	15	4.24	PN 40	065B7530
NVD 812	20	7.80	PN 40	065B7531
NVD 812	25	12.40	PN 40	065B7532
NVD 812	32	18.00	PN 40	065B7533
NVD 812	40	28.00	PN 40	065B7534
NVD 812	50	40.10	PN 40	065B7535
NVD 812	65	72.50	PN 40	065B7536
NVD 812	80	111.00	PN 40	065B7537
NVD 812	100	182.00	PN 40	065B7538
NVD 812	125	302.00	PN 40	065B7539
NVD 812	150	370.00	PN 40	065B7540
NVD 812	200	546.00	PN 40	065B7541

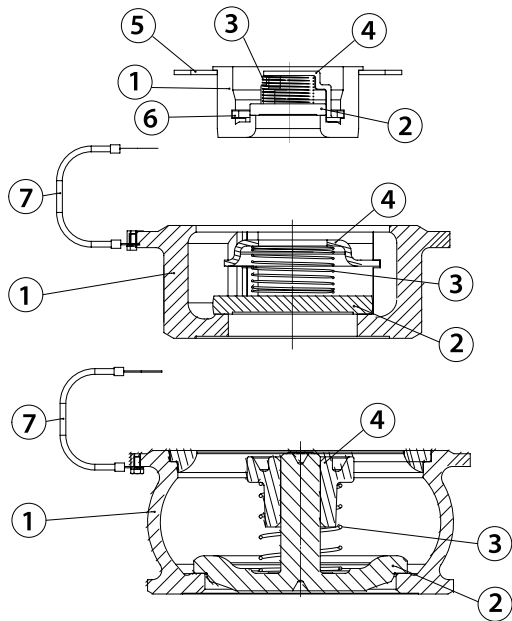
Code No.	"	PFA (bar)	PS (bar)			
			L ₁	L ₂	G ₁	G ₂
065B7530	½	40	40	40	40	40
065B7531	¾	40	40	40	40	40
065B7532	1	40	40	40	40	40
065B7533	1¼	40	40	40	30	40
065B7534	1½	40	40	40	25	40
065B7535	2	40	40	40	20	40
065B7536	2½	40	30	40	15	40
065B7537	3	40	25	40	12	40
065B7538	4	40	20	40	10	40
065B7539	5	40	16	40	0.5	28
065B7540	6	40	13	40	0.5	23
065B7541	8	40	40	40	17	25

Note: The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.



Product details

Design

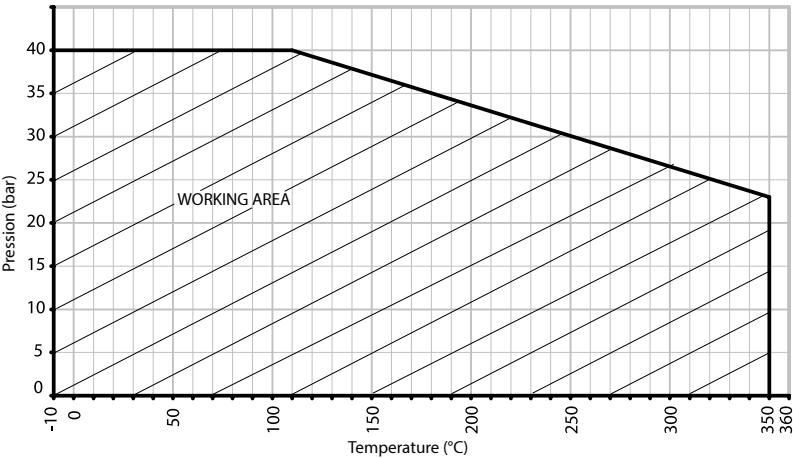


Pos.	Description	Material	EURO	ANSI
1	Casing DN15	Stainless steel	X5CrNi18-10	AISI 304
	DN20 to 65		GX5CrNi19-10	AISI 304
	DN80 to 100		GX2CrNiMo19-11-2	AISI 316L
	DN125 to 200		GX5CrNi19-10	AISI 304
2	Closing system DN15 to 100	Stainless steel	X2CrNiMo17-12-2	AISI 316L
	DN125 to 200		GX5CrNi19-10	AISI 304
3	Spring	Stainless steel	X10CrNi18-8	AISI 302
4	Stop / Guide DN15	Stainless steel	X5CrNiMo17-12-2	AISI 316L
	DN20 to 100		X2CrNi18-9	AISI 304L
	DN125 to 150		GX2CrNiMo19-11-2	AISI 316L
	DN200		GX5CrNi19-10	AISI 304
5	Centering collar DN15	Stainless steel	X2CrNi18-9	AISI 304L
	Other DN			
6	Clips	Stainless steel	X10CrNi18-8	AISI 302
7	Discharge anti-static braid	Copper	-	-



Performance and environmental conditions

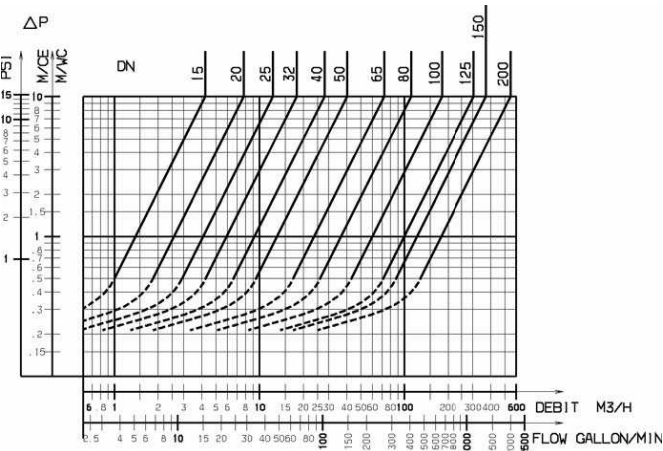
Headloss diagram



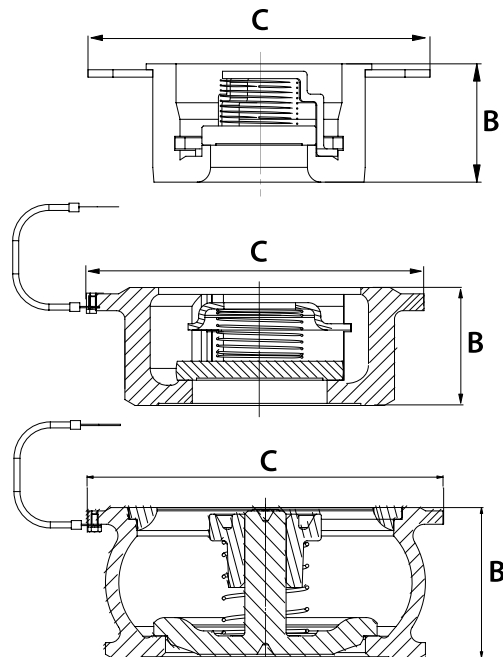
DN	Opening pressure (mm)/WC					K _v (m ³ /h)	ζ
	(mm)	↑	↓	↔	Without spring		
½	15	160	120	140	20	4.24	4.4
¾	20	165	125	145	20	7.80	4.1
1	25	165	115	140	25	12.40	4.0
1¼	32	190	130	160	30	18.00	5.0
1½	40	200	120	160	40	28.00	5.1
2	50	210	110	155	50	40.10	6.1
2½	65	210	100	155	55	72.50	5.3
3	80	226	95	160	65	111.00	5.2
4	100	235	75	205	80	182.00	4.7
5	125	335	75	205	130	302.00	4.2
6	150	360	70	215	145	370.00	5.8
8	200	515	105	310	205	546.00	8.4

Direction for use:

- Solid line: Valve completely open
- Dotted line: opening stage of valve



Dimensions



	A	B	C-PN6	C - PN10/16/ASA 150	C - PN25/40/ASA 300	Weight
-	DN	mm	mm	mm	mm	kg
½	15	16	44	53	53	0.10
¾	20	19	54	63	63	0.14
1	25	22	64	73	73	0.23
1¼	32	28	78	84	84	0.35
1½	40	31.5	88	94	94	0.52
2	50	40	98	109	109	0.73
2½	65	46	118	129	129	1.52
3	80	50	134	144	144	2.17
4	100	60	154	162	170	3.35
5	125	90	-	192	192	8.55
6	150	106	-	218	224	12.70
8	200	140	-	-	284	30.00

Certificates, declarations and approvals

The list contains all certificates, declarations, and approvals for this product type. Individual code number may have some or all of these approvals, and certain local approvals may not appear on the list.

When you click on the link you will be directed to the latest version of the 'Declaration of Conformity'. Products developed and sold before this date of issue conform to the directives/standards in force at the time of their sale.

Approval type	Title	Certification body	Approval topic
Export Control Declaration	Butterfly valves	Danfoss	
EU Declaration	Danfoss EU BF23208651651en-000801	Danfoss	Pressure

Contact details

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