



DAVINCI TECHNICAL DATA GUIDE

CHECK VALVES

FLAP VALVES

Ref. 169A-CIC / PN 10-16



Application

Stormwater drainage outlets.
Wastewater and treated effluent outfalls.
Riverbanks, channels, basins and pumping stations.
Flood and backflow protection.
Prevention of debris and animal intrusion.
Gravity-flow pipeline and culvert outlets.

Approvals/Standards

Construction comply with EN 1074-3.
Flanges according to EN 1092-2 PN10-16.
Pressure Tests acc. to EN 12266-1 Rate A. GB/T13927-1992

Range

DN50-1000, PN10-16

GENERAL CHARACTERISTICS

Sizes DN50 to DN1000.
End of line use.

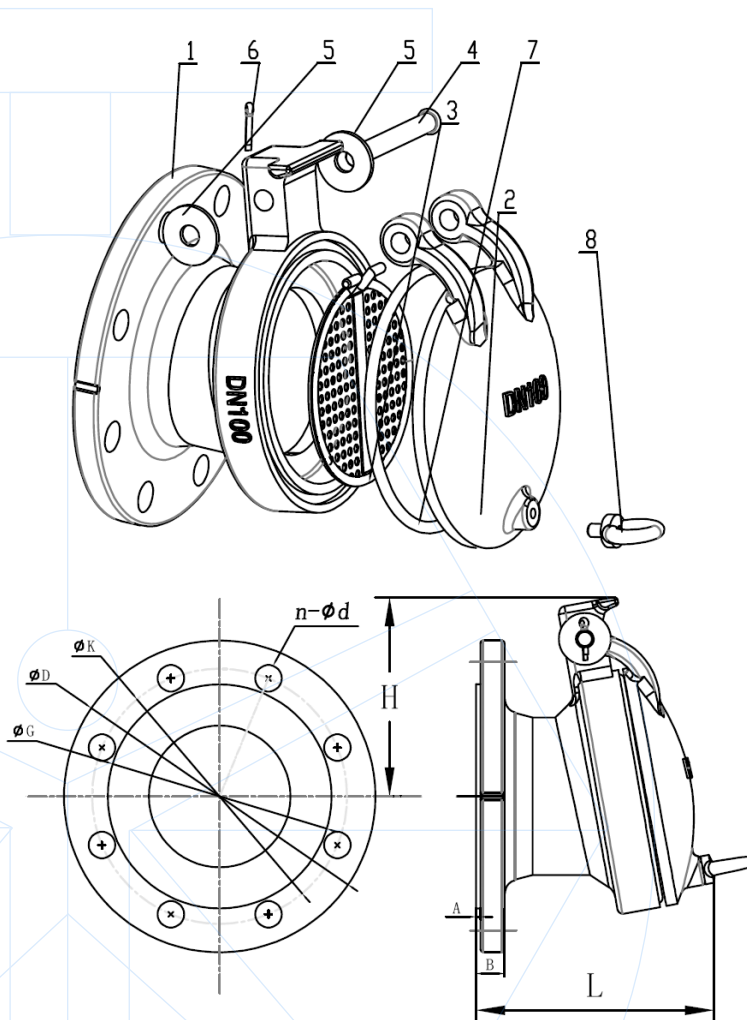
WORKING CONDITIONS

Pressure ratings: Up to 1.6 Mpa.
Working temperature: -10°C + 80°C.
Flow media: Potable water, neutral liquids and sewage.

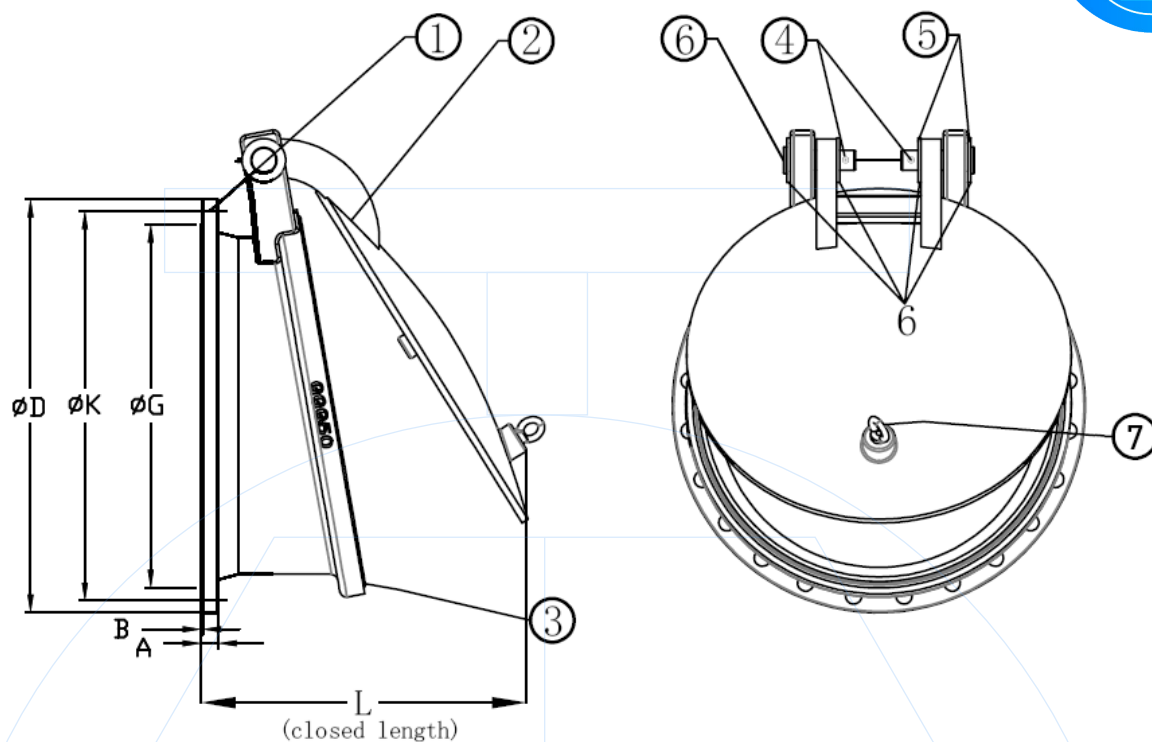


Nº	ITEM	MATERIAL
1	Body	GJS500-7
2	Bonnet	GJS500-7
3	Screen	AISI 304
4	Pin	AISI 304
5	Metal gasket	AISI 304
6	Clip	AISI 304
7	Gasket	EPDM
8	Lifting ring	Carbon steel
	RAL 5015 Painting	Epoxy 250 µm

Components may be replaced with materials of equivalent or superior grade without prior notice, in accordance with our continuous improvement policy.



DN	L	A	B	H	D		K		G		n-d	
					PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16
50	129	3	19	107	165		125		99		4-19	
65	146	3	19	119	185		145		118		4-19	
80	150	3	19	128	200		160		132		8-19	
100	158	3	19	141	220		180		156		8-19	
125	165	3	19	151	250		210		186		8-19	
150	1168	3	19	169	285		240		211		8-23	
200	185	3	20	200	340		295		266		8-23	12-23
250	245	3	22	250	405		350	355	319		12-23	12-28
300	305	4	25	320	460		400	410	370		12-23	12-28



Nº	ITEM	MATERIAL
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1	Body	GJS500-7
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2	Bonnet	GJS500-7
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3	O-ring	EPDM
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4	Pin	AISI 304
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5	Gasket	AISI 420
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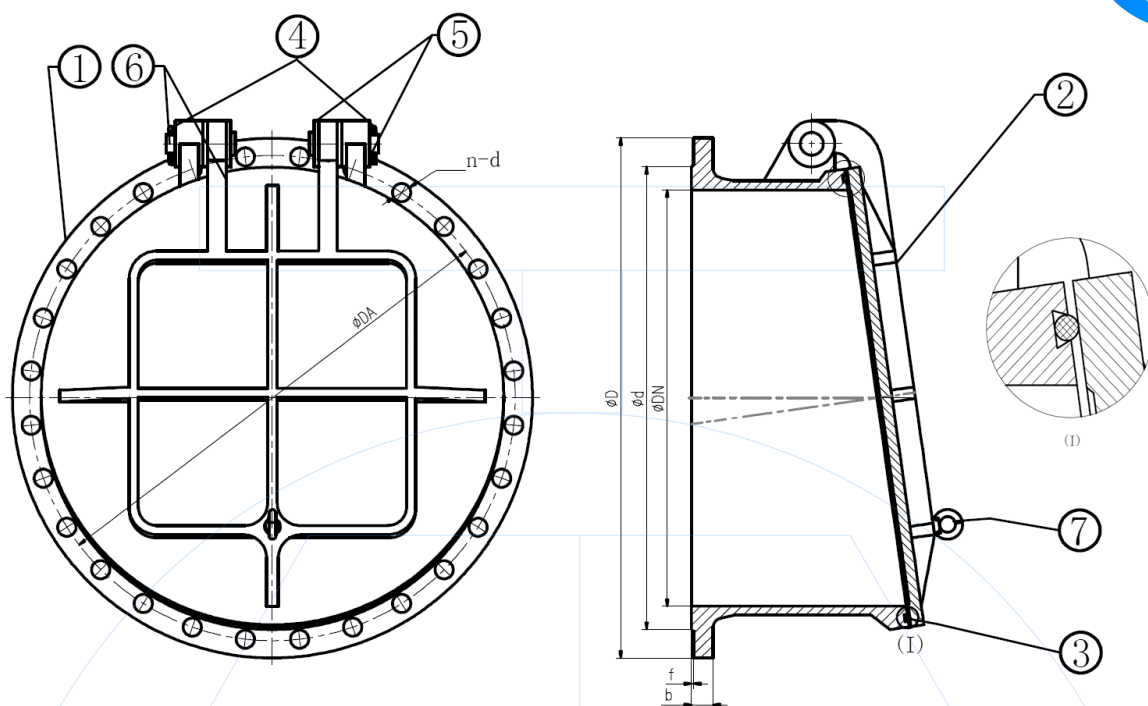
6	Pin	AISI 420
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7	Lifting ring	Carbon Steel
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	RAL 5015 Painting	Epoxy 250 μ m
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DN	L	A	B	H	D		K		G		n-d	
					PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16
350	330	4	27	375	520		460	470	380		16-23	16-28
400	356	4	28	408	580		515	525	429		16-28	16-31
450	370	4	32	459	640		565	585	530	548	20-28	20-31
500	415	4	32	503	715		620	650	582	609	20-28	20-34
600	443	5	36	586	840		725	770	682	720	20-31	20-37
700	462	5	43	586	910		840	840	794		24-31	24-37
800	491	5	43	685	1025		950	950	901		24-34	24-40



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7	Lifting ring	Carbon Steel
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DN	f	b		D		d		DA		n-d	
		PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16
900	5	37.5	46.5	1115	1125	1001	1050	28-34	28-40		
1000	5	40	50	1230	1255	1112	1160	1170	28-37	28-43	



CONTACT US

DAVINCI VALVES ORDER REQUEST

Ref. 169A-CIC / PN10-16



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