



DAVINCI TECHNICAL DATA GUIDE

DUAL PLATE CHECK VALVES

WAFER TYPE

Ref. 164A-DH / PN 10-16 - ANSI 125-150



Application

Firefighting systems.
HVAC installations.
Irrigation and water supplying.

Approvals/Standards

Face to Face: EN 558-1 series 16.
100% watertight according to ISO 5208 Rate A
Mounting between flanges: PN10/16 EN 1092-2, ISO 7005-2.
Pressure Tests acc. to EN 12266-1 Rate A. GB/T13927-1992
Pressure Tests: Body: 1,5 x PN. Seat: 1,1 x PN
EU directive 2014/68/EU:
Equipments under pressure: Cat. III mod. H.



Range

DN40-1200, PN10-16



GENERAL CHARACTERISTICS

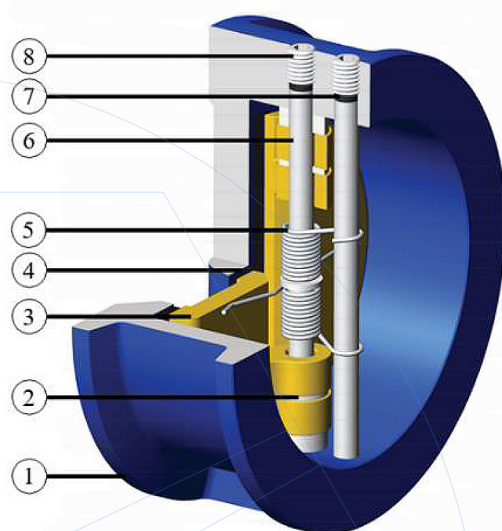
Range from DN40 up to DN1200
 Vulcanized gasket.
 100% sealing at 0.5 bar.
 Installation in horizontal and vertical position.

WORKING CONDITIONS

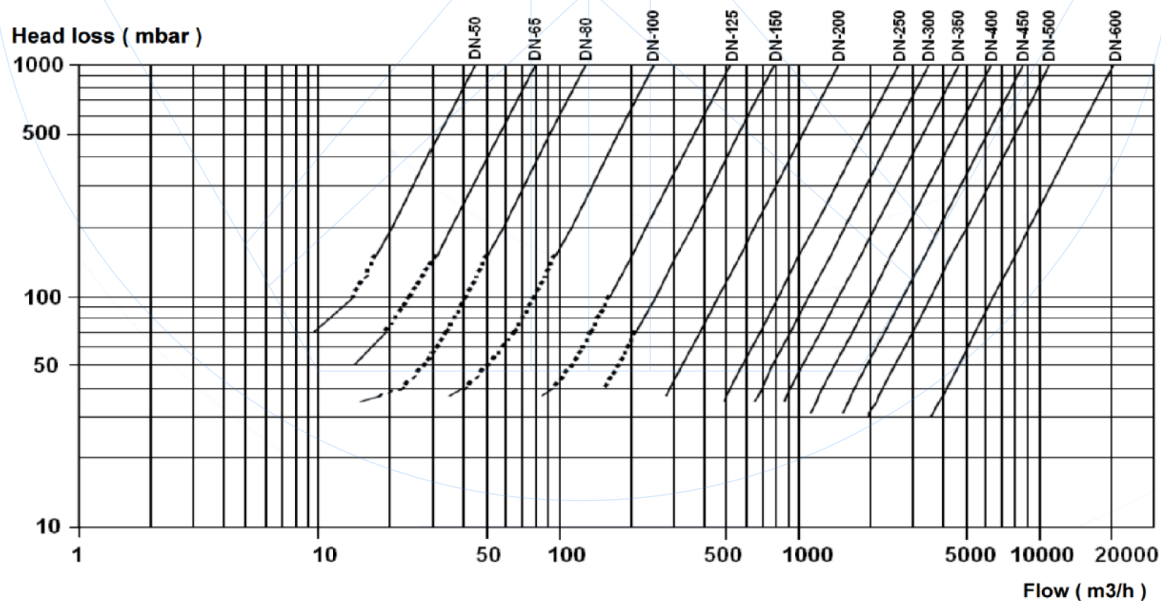
Maximum working pressure: 16 bar.
 Working temperature: -5°C +80°C (NBR seat).
 Working temperature: -5°C +90°C (EPDM seat).
 Suitable media: water and oily fluids.
 Consult factory for other applications.

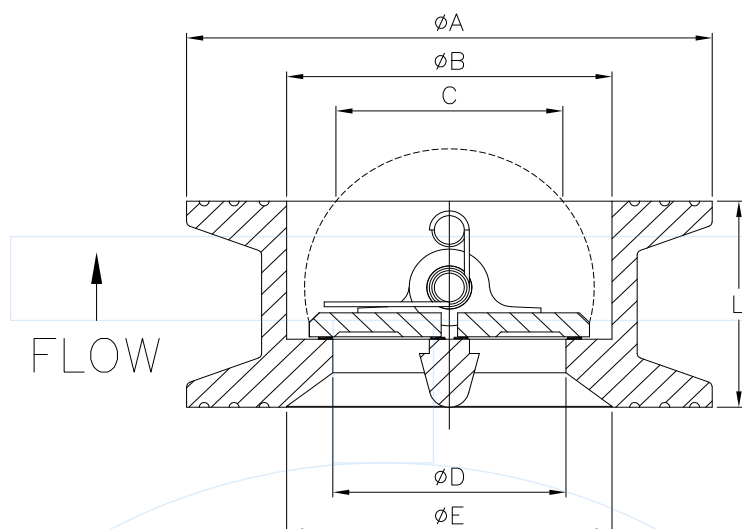
Nº	ITEM	MATERIAL (Standard / option)
1	Body	GJL25 / GJS500, GJS400
2	Washer	PTFE / Nylon
3	Disc	GJS500 / GJS400, CF8M, CF3, CF3M, AL-Bronze, C95400
4	Seat	NBR / EPDM, Neoprene, FKM.
5	Spring	AISI304 / AISI316, AISI410
6	Stem	AISI304 / AISI316, AISI410
7	Seal Washer	NBR / EPDM, Neoprene, FKM.
8	Bolt	Carbon Steel / AISI316, AISI410
	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.



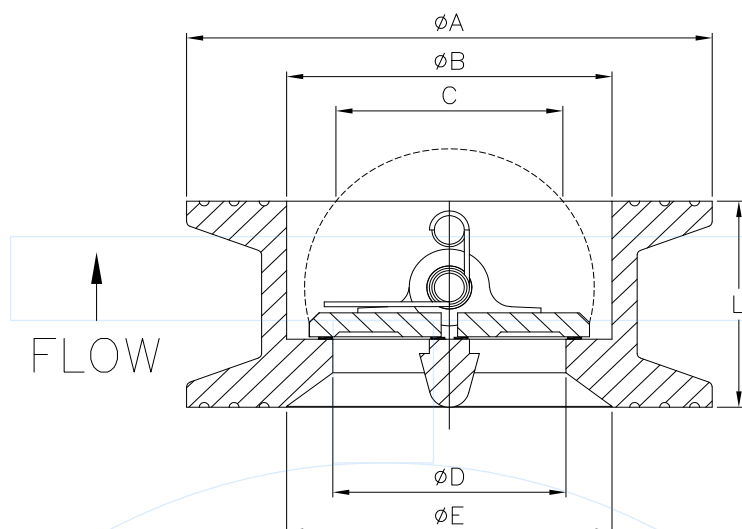
HEAD LOSS



DIMENSIONS PN10/16

DN	A	B	C	D	E	L	Weight (kg)
40	92	65	49	48	59	43	7.9
50	107	65	49	48	59	43	8.4
65	127	80	63	60	78	46	11.3
80	142	94	69	70	91	64	14.3
100	162	117	97	88	110	64	18.8
125	192	145	121	115	142	70	27.7
150	218	170	145	134	170	76	40.1
200	273	224	197	182	222	89	61.1
250	328	265	234	223	264	114	101
300	378	310	284	260	310	114	146
350	438	360	333	300	360	127	262
400	489	410	379	355	414	140	334
450	539	450	415	382	450	152	437
500	594	505	472	435	505	152	530
600	695	624	579	536	605	178	862
700	798	725	673	630	715	229	
800	906	825	775	720	815	241	
900	1004	925	877	820	915	241	
1000	1116	1025	969	912	1015	300	
1200	1332	1228	1161	1100	1220	360	

The designs, materials and technical specifications indicated herein are subject to modification without prior notice, as part of the continuous development of our manufacturing programme, product refinement and technological advancement.

DIMENSIONS ANSI125/150

DN	A	B	C	D	E	L	Weight (kg)
40	86	65	20	48	59	54	7.6
50	105	65	20	48	59	54	8.4
65	124	80	49	60	78	54	11.3
80	137	94	76	70	91	57	14.3
100	175	117	97	88	110	64	18.8
125	197	145	121	115	142	70	27.7
150	222	170	145	134	170	76	40.1
200	279	224	193	182	222	95	61.1
250	340	265	239	223	264	108	101
300	410	310	259	260	310	143	146
350	451	360	274	300	360	184	262
400	514	410	331	355	414	191	334
450	549	450	369	382	450	203	437
500	606	505	423	435	505	213	530
600	718	624	545	536	605	222	862
700	873	775	667	680	765	305	
800	1038	925	776	820	915	368	
900	1210	1078	935	960	1065	432	
1000	1375	1228	1021	1100	1220	524	
1200	1332	1228	1161	1100	1220	360	

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CONTACT US

DAVINCI VALVES ORDER REQUEST

Ref. 164A-DH / PN 10-16 / ANSI 125-150



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