



DAVINCI TECHNICAL DATA GUIDE

DUAL PLATE CHECK VALVES

WAFER TYPE

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

CE



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

DN50-600, PN10-16



GENERAL CHARACTERISTICS

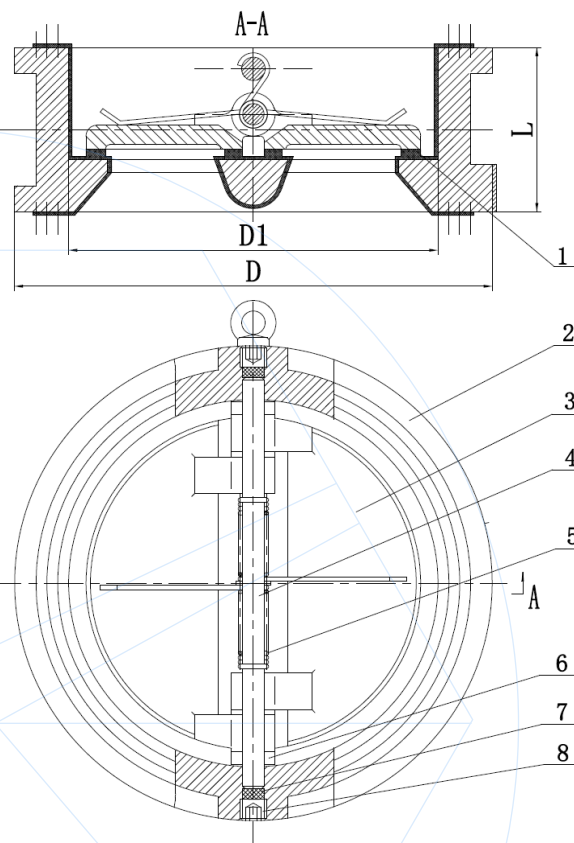
Range from DN50 up to DN600
 Vulcanized liner for improved performance.
 100% sealing at 0.5 bar.
 Installation in horizontal and vertical position.

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	Seat	Epdm
2	Body	DI + EPDM
3	Discs	CF8M
4	Stem	AISI 316
5	Spring	AISI 304
6	Bushing	PTFE
7	O-ring	EPDM
8	Bolts	AISI 316
	RAL 5015 Painting	Epoxy 250 µm

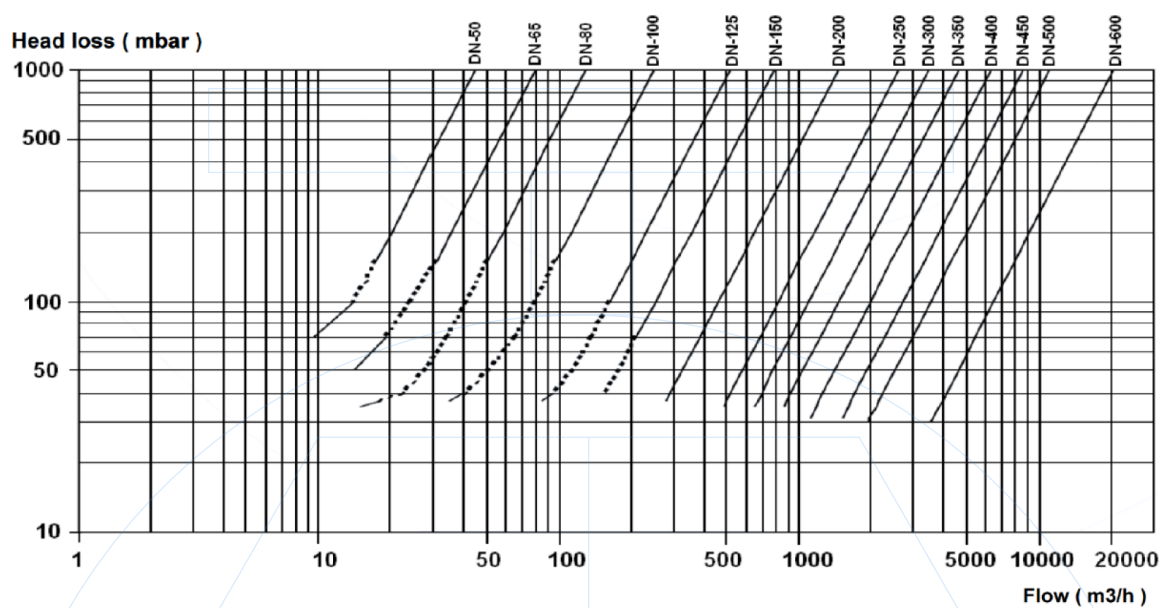
Components may be replaced with materials of equivalent or superior grade without prior notice, in accordance with our continuous improvement policy.



DN	D	D1	L	Weight (kg)
50	107	65	43	8.4
65	127	80	46	11.3
80	142	94	64	14.3
100	162	117	64	18.8
125	192	145	70	27.7
150	218	170	76	40.1
200	273	224	89	61.1
250	328	265	114	101
300	378	310	114	146
350	438	360	127	262
400	489	410	140	334
450	539	450	152	437
500	594	505	152	530
600	695	624	178	862



HEAD LOSS



Detail of the dual-plate check valve body, fully vulcanized with EPDM.



CONTACT US

DAVINCI VALVES ORDER REQUEST

Ref. 164A-WN / PN 10-16



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