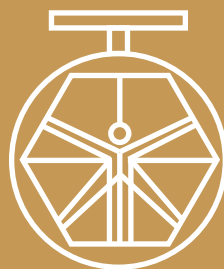


**GROUP 400  
CHECK  
VALVES  
MOD. 410/26**



**DAVINCI  
VALVES™**

# TECHNICAL DATA SHEET

## WATER Series

**SWING CHECK VALVES  
FLANGED ENDS**

**DAVINCI  
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**QUALITY  
ASSUREMENT**

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**PRODUCT QT  
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11th Floor 1101, Jinjiang District,  
Chengdu, Sichuan CHINA

10F/Tower A, Billion Center,  
1 Wang Kwong Road, Kowloon Bay  
Kowloon HONG KONG

## SWING CHECK VALVE AWWA C-508 FLANGED END METAL SEAT

Ref.410 / ANSI125/150

### APPLICATION:

Water and sewage hydraulic installations, heating.

### GENERAL CHARACTERISTICS:

Epoxy paint 250 Mic

Full Bore

Optional Lever&Weight and hydraulic dumper

Brass seat, others materials be able (Bronze, aisi304)



### STANDARDS:

Manufacture according to AWWA C508

Face to Face: EN 558-1 Series 10 ANSI B16.10

Mounting with flanges: ANSI125/150 EN 1092-2.

Pressure Test: EN 12266-1 Rate A.

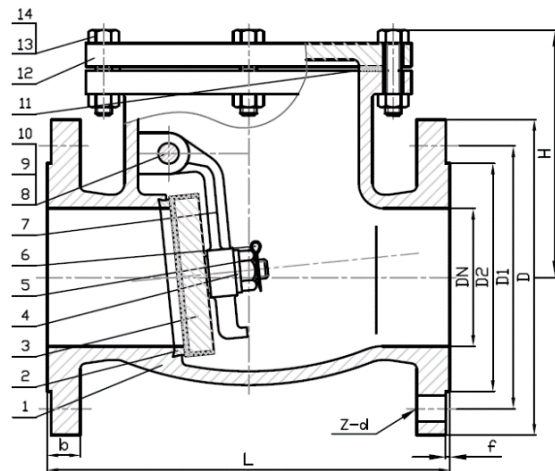
### WORKING CONDITIONS:

Maximum Working Pressure: 150psi.

Metal Seat Working Temperature: -10 °C / + 120 °C.

Maximum Fluid Speed: 3,2 M/s.

Nº	PART NAME	MATERIAL	STANDARD
1	BODY	DUCTILE IRON	GJS500
2	BODY SEAT RING	BRASS	
3	DISC	DUCTILE IRON/EPDM	GJ500/BS2494
4	WASHER	S. STEEL	A2
5	NUT	S. STEEL	A2
6	COTTER PIN	S. STEEL	A2
7	ARM	DUCTILE IRON	GJS500
8	HING PIN	S. STEEL	AISI420
9	PLUG	S. STEEL	A2
10	MINIPAD	TFL	
11	GASKET	EPDM	BS2494
12	BONNET	DUCTILE IRON	GJS500
13	BOLT	S. STEEL	A2
14	NUT	S. STEEL	A2



All the components can be substituted with equivalent or higher-class materials.

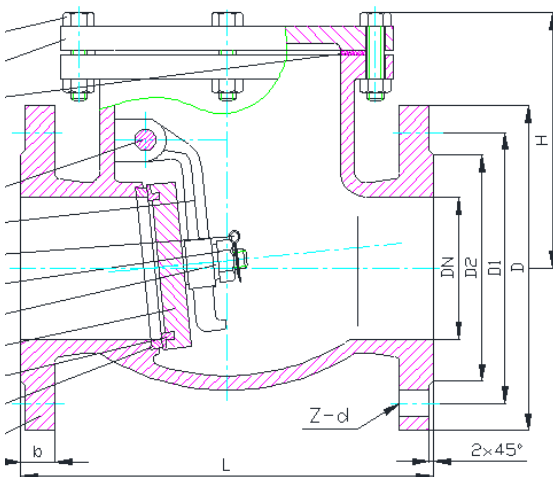
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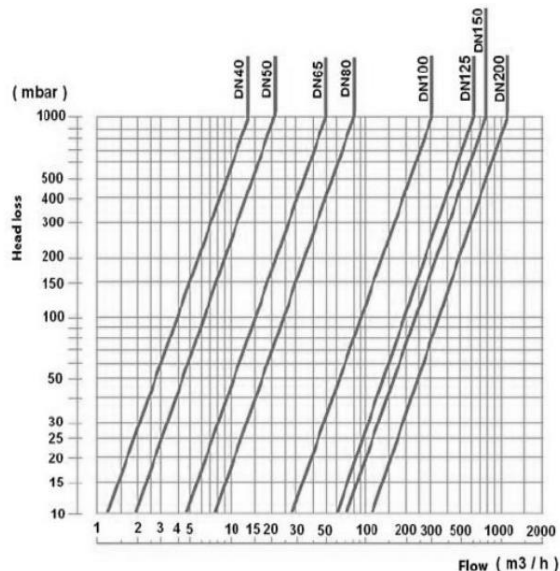
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## SWING CHECK VALVE AWWA C-508 FLANGED END METAL SEAT

Ref.410 / ANSI125/150



DNØ	D Ø	D1 Ø	D2 Ø	L	b	Z-d	H
40	127	98.5	73	165	15	4-Ø16	120
50	152	120.5	92	203	16	4-Ø19	137
65	178	139.5	105	216	17.5	4-Ø19	147
80	191	152.5	127	241	19	4-Ø19	159
100	229	190.5	157	292	24	8-Ø19	180
125	254	216	186	330	24	8-Ø22	203
150	279	241.5	216	356	25.5	8-Ø22	223
200	343	298.5	270	495	29	8-Ø22	258
250	406	362	324	622	30.5	12-Ø25	290
300	483	432	381	698	32	12-Ø25	325
350	533	476	413	787	35	12-Ø29	361
400	597	540	470	914	37	16-Ø29	388
450	635	577.9	533	1016	39.7	16-Ø32	450
500	699	635	584	1016	43	20-Ø32	518
600	813	749.5	692	1219	48	20-Ø35	620
762	984	914.5	857	1422	54	28-Ø35	763
900	1168	1085.9	1022	1600	60.5	32-Ø41	960



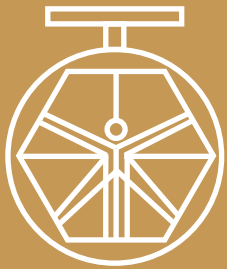
TECHNICAL DATA SHEET

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