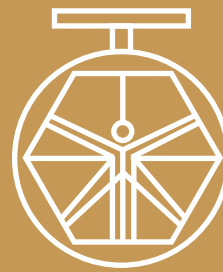


**GROUP 500
AUTOMATIC
CONTROL
VALVES MOD.
503A/99**



**DAVINCI
VALVES™**

**TECHNICAL
DATA SHEET**
WATER Series

**AIR RELIEF VALVES
FLANGED END TRIPLE FUNCTION**

**DAVINCI
VALVES™**



**QUALITY
ASSUREMENT**

**DAVINCI
VALVES™**



**PRODUCT QT
ASSUREMENT**

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**COMPANY QT
ASSUREMENT**

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18 Dongyu Street, Square One,
11th Floor 1101, Jinjiang District,
Chengdu, Sichuan CHINA

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

AIR RELIEF VALVE + CUT VALVE TRIPLE FUNCTION PN10/16

ref.503A / PN 10-16

APPLICATION:

Potable water distribution and pumping,
irrigation

STANDARDS:

Hydrostatic test according to EN 12266-1, class A.
EC directive
Construction according to EN 1074-4 and AWWA C512
Flanged according to ISO 7005-2

WORKING CONDITIONS:

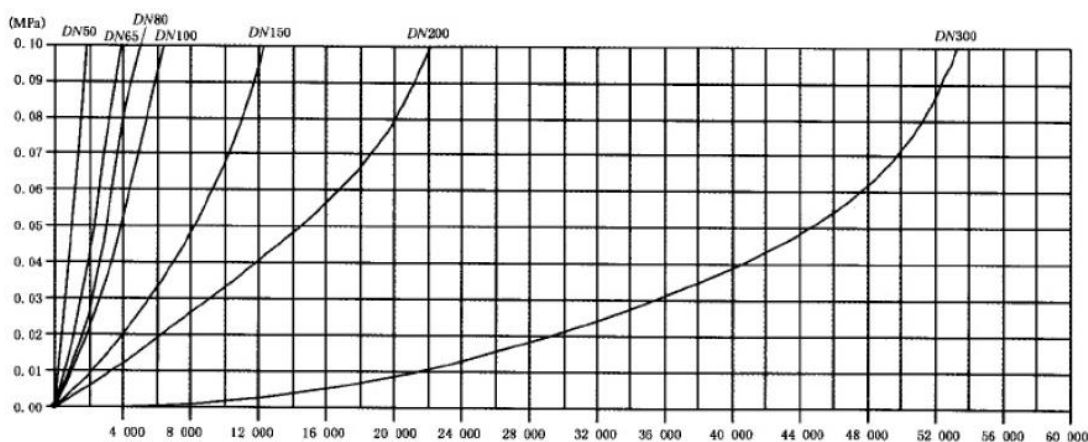
Pressure Ratings: 1.0Mpa; 1.6Mpa; 2.5Mpa
Working Temperature: -10C° +100C°
Suitable Media: Water
End connection: PN 10/ PN 16
Consult Factory for other applications

GENERAL CHARACTERISTICS:

Range from ND50 up to ND300
Epoxy paint cured 250 microns



TECHNICAL DATA SHEET



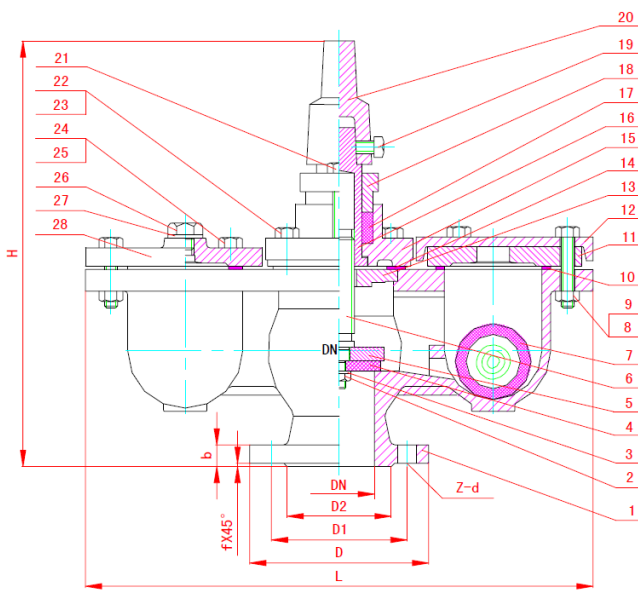
All the components can be substituted with equivalent or higher-class materials.

DAVINCI VALVES LTD, is constantly looking at all ways of improving our products and services related to the water, fire and industry sector and therefore we reserve the right to change, without prior notice, any of the data contained here. Please contact our Technical Sales Department for detailed advice.
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18 Dongyu Street, Square One 11th Floor 1101. Jinjiang District, Chengdu, Sichuan Province, China

AIR RELIEF VALVE + CUT VALVE TRIPLE FUNCTION PN10/16

ref.503A / PN 10-16



NO	PART NAME	MATERIAL	STANDARD
1	BODY	GRAY CAST	BS1452.220
2	NUT	CARBON STEEL	BS1769
3	WASHER	CARBON STEEL	BS1769
4	GASKET	NBR	BS2494
5	DISC	STAINLESS	BS970 SS410
6	STEM	STAINLESS	BS970 SS410
7	BALL FLOAT	NBR/WOOD	BS2494
8	BOLT	CARBON STEEL	BS1769
9	NUT	CARBON STEEL	BS1769
10	GASKET	NBR	BS2494
11	INSIDE COVER	GRAY CAST	BS1452.220
12	OUTSIDE	GRAY CAST	BS1452.220
13	MIDDLE	GRAY CAST	BS1452.220
14	GASKET	NBR	BS2494
15	BONNET	GRAY CAST	BS1452.220
16	STEM NUT	STAINLESS	BS970 SS410
17	PACKING	GRAPHITE	
18	GLAND	GRAY CAST	BS1452.220
19	BOLT	CARBON STEEL	BS1769
20	CAP	GRAY CAST	BS1452.220
21	BOLT	CARBON STEEL	BS1769
22	BOLT	CARBON STEEL	BS1769
23	WASHER	CARBON STEEL	BS1769
24	BOLT	CARBON STEEL	BS1769
25	WASHER	CARBON STEEL	BS1769
26	BOLT	BRASS	BS2874
27	WASHER	NYL	
28	COVER	GRAY CAST	BS1452.220

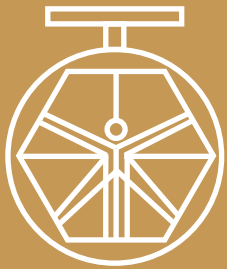
DN	D	D1	D2	L	b	H	f	Z-d	KG
50	165	125	102	468	20	387	3	44304	38
80	200	160	138	468	22	387	3	44426	40
100	220	180	158	555	24	490	3	44426	66
150	285	240	212	742	26	597	3	44430	120
200	340	295	268	850	30	679	3	44552	135

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