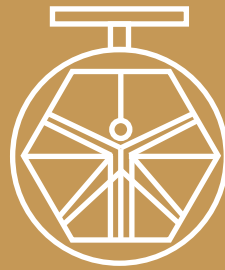


**GROUP 300
COMPLEMENTS
MOD. 320D/61**



**DAVINCI
VALVES™**

**TECHNICAL
DATA SHEET
WATER Series**

**Y STRAINERS
FLANGED END**

**DAVINCI
VALVES™**



**QUALITY
ASSUREMENT**

**DAVINCI
VALVES™**



**PRODUCT QT
ASSUREMENT**

**DAVINCI
VALVES™**



**COMPANY QT
ASSUREMENT**

www.davincivalves.com

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

Y STRAINERS FLANGED END

Ref.320D / PN 10-16-25

APPLICATION:

Water, HVAC installations, irrigation, industry, others

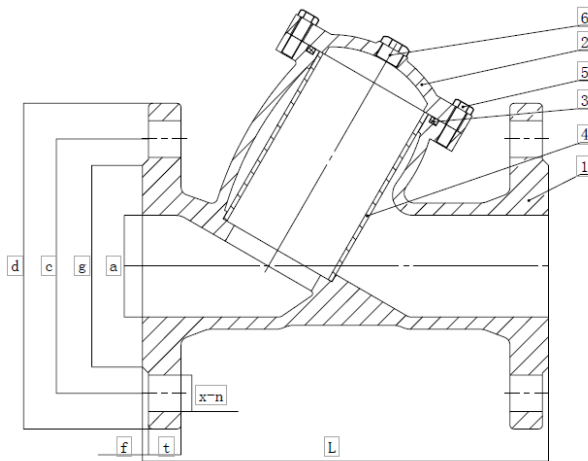
WORKING CONDITIONS:

Maximum Working Pressure: 16/25 bar (*)
Working Temperature: - 10 °C - + 90 °C.

STANDARDS:

Manufacture according to DIN 3352. DN040-DN1000
Face to Face: EN 558-1 Serie 1 (DIN 3202 F1).
Mounting with flanges: PN10 / PN16/PN25 EN 1092-2. DIN 2501.
Pressure Test: EN 12266-1, DIN 3230 y ISO 5208:

*From DN500 included are welding construction in WCB



Nº	ITEM	MATERIAL
1	BODY	DUCTILE IRON
2	BONNET	DUCTILE IRON
3	SEALING	EPDM
4	FILTER SCREEN	SS304
5	NUT	SS201
6	PLUG	SS201

DN (mm)	L	a	d	c	x-n PN10	x-n PN16	x-n PN25	t	f	g
50	230	50	165	125	4- ø19	4- ø19	4- ø19	19	2	99
65	290	65	185	145	4- ø19	8- ø19	8- ø19	19	2	118
80	310	80	200	160	4- ø19	8- ø19	8- ø19	19	3	132
100	350	100	220	180	8- ø19	8- ø19	8- ø23	19	3	156
125	400	125	250	210	8- ø19	8- ø19	8- ø27	19	3	184
150	480	150	285	240	8- ø23	8- ø23	8- ø27	19	3	211
200	600	200	340	295	8- ø23	12- ø23	12- ø27	20	3	266
250	730	250	405	355	12- ø23	12- ø28	12- ø30	22	3	319
300	850	300	460	410	12- ø23	12- ø28	16- ø30	25	4	370
350	980	350	520	470	16- ø23	16- ø28	16- ø33	26,5	4	429
400	1100	400	580	525	16- ø27	16- ø31	16- ø36	28	4	480
450	1200	450	640	585	20- ø27	20- ø31	20- ø36	30	4	548
500	1250	500	715	650	20- ø27	20- ø34	20- ø36	32	4	609
600	1450	600	840	770	20- ø30	20- ø37	20- ø39	36	5	720

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.

© 2018 DAVINCI VALVES LTD.
www.davincivalves.com info@davincivalves.com +34 616553797 / +86 17340168233
18 Dongyu Street, Square One 11th Floor 1101. Jinjiang District, Chengdu, Sichuan Province, China

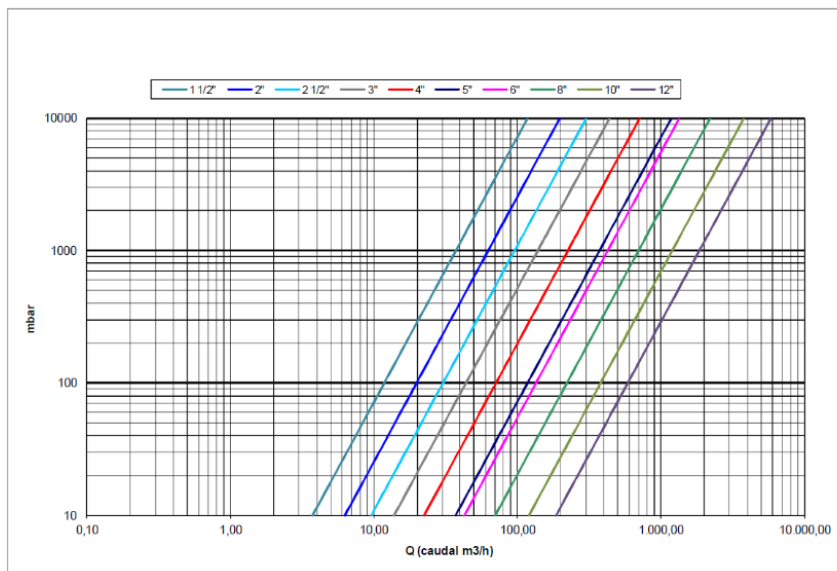
Y STRAINERS FLANGED END

Ref.320D / PN 10-16-25

HEAD LOSSE DIAGRAM

Kv VALUES

Kv = Flow rate of water in cubic meter per hour (m3/h) that will generate a pressure drop of 1 bar across the valve.



D	40	50	65	80	100	125	150	200	250	300
Kv(m2/h)	33,6	56,2	86	124,7	202	334,1	382,9	628,4	1083,6	1666,8



Screen Dimensions mm			
DN	Thickness	Diameter	Lenght screen
50	0,5	53	103
65	0,5	71,5	113
80	0,5	86,5	132
100	0,5	106	148
125	0,6	130	184
150	0,8	154	220
200	1	206,5	281
250	1	251	339
300	1,2	297	371

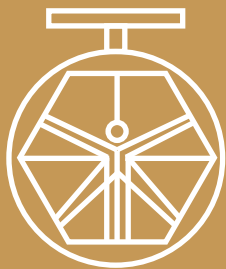
Standard Screens		
Size	Hole Dia	Free Flow Area
DN50-80	1,5mm	33%
DN100-600	3,0mm	33%

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.

© 2018 DAVINCI VALVES LTD.
 www.davincivalves.com info@davincivalves.com +34 616553797 / +86 17340168233
 18 Dongyu Street, Square One 11th Floor 1101. Jinjiang District, Chengdu, Sichuan Province, China

"For professionals who want more"



DAVINCI
VALVES™