

Check valve with hollow cone \leq NW 1"

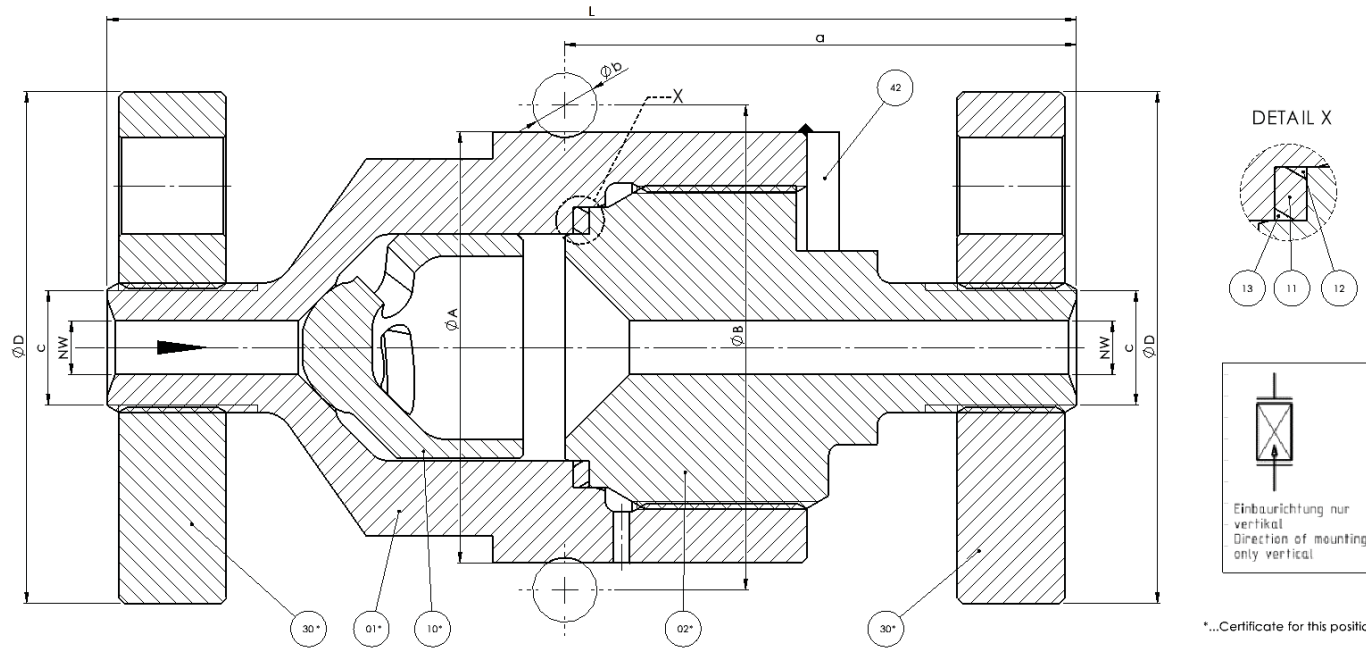
RV/HF/G-325/MUI

Material: A479 S32906


Thread flanges acc.: FLV-325/MUI

Maximal pressure: 220 bar

Maximal temperature: 250°C



NW (ND)	ϕd	c	L	ϕD	a	ϕb	ϕA	ϕB	kg	BHDT Type
½" (10)	10	M24x2	180	95	95	12	80	90	5,2	RV/HF/G-10/10/325/MUI
¾" (16)	16	M33x2	215	105	105	12	80	90	6,5	RV/HF/G-16/16/325/MUI
1" (24)	24	M42x2	280	115	130	22	105	125	15,1	RV/HF/G-24/24/325/MUI

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Check valve with hollow cone \geq NW 1 1/2"

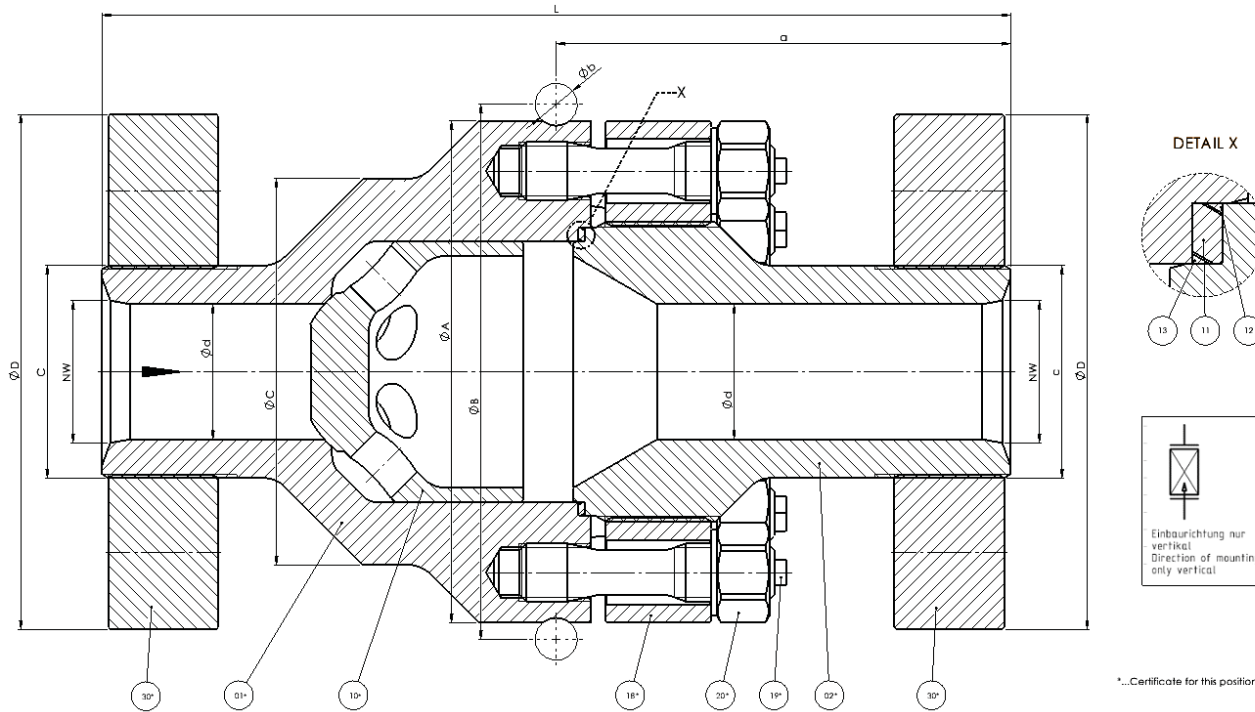
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*...Certificate for this position

NW (ND)	Ød	c	L	ØD	a	Øb	ØA	ØB	ØC	kg	BHDT Type
1½" (30)	30	M48x3	300	135	140	22	140	156	100	18,4	RV/HF/G-30/30/325/MUI
2" (45)	45	M64x3	430	165	196	22	205	223	154	48,3	RV/HF/G-45/45/325/MUI
2½" (58)	58	M90x3	485	200	235	22	260	277	200	85,8	RV/HF/G-58/58/325/MUI
3" (70)	70	M100x3	485	225	235	22	260	277	200	93,5	RV/HF/G-70/70/325/MUI
4" (90)	90	M125x4	700	260	345	30	315	335	246	176	RV/HF/G-90/90/325/MUI
6" (120)	120	M170x4	800	330	380	30	405	425	320	340	RV/HF/G-120/120/325/MUI
8" (160)	160	M225x6	900	400	445	30	500	523	420	643	RV/HF/G-160/160/325/MUI

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Material designation BE.06

For acceptable materials, see:
MS.50

1. Weld metals

The chemical composition of the deposited weld metal may differ from the base material but shall be of a similar material type.

The ferrite content in the deposited weld metal and heat affected zone of the weld shall be 30-70 %.

2. Streicher test

The materials shall be Streicher-tested in accordance with Stamicarbon specification 71112 and shall meet the following requirements:

The value of the overall attack shall not exceed $0.7 \text{ gr/m}^2 \text{ hr.}$ ($4.3 \text{ }\mu\text{m}/48 \text{ hr}$)

3. Selective attack

The penetration of selective attack as determined by microscopic examination after the Streicher test shall nowhere exceed $70 \text{ }\mu\text{m}$, in any direction.

Note:

Solidification defects in overlay welds are acceptable up to a depth of $100\mu\text{m}$.

Note

Heat exchanger tubes shall be tested for homogeneity (ferrite-austenite ratio) by eddy-current testing in accordance with Stamicarbon specification 71108.