

GLOBE NON-RETURN VALVE TYPE 05418 FLANGED ANSI #300

Материал нж. steel 1.4308
Налягане CLASS 300
Размер DN 25 - 100

ТЕХНИЧЕСКО ОПИСАНИЕ

Type 05418 - Check Valve, ANSI B16.5 Flanges
Cryogenic-Check Valves, Class 300

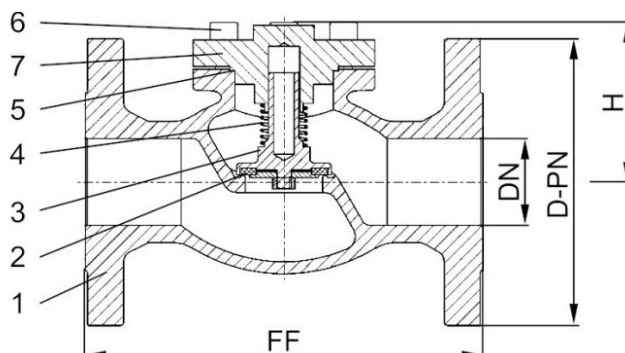
Stainless steel body and bronze cap

- with spring, opening pressure ca. 0.1 bar
- cleaned and degreased for "oxygen service"
- Part No. 05418.X.0003

Flanged connection acc. to ANSI B16.5 class 300

РАБОТЕН ФЛУИД / СРЕДА

Approved for air gases, vapours and cryogenic liquefied
gases incl. LNG.



№	Materials	Din en	Astm
1	Body	1.4308	A351CF8
2	Valve seal up to DN50	PTFE / Carbon filled (25%)	
2a	Valve seal from DN65	PTFE	
3	Disc	CW614N	B 283 UNS C38500
4	Spring	CW452K	B 159 UNS C51900
5	Bonnet gasket	PTFE	
6	Bolts	1.4301	A2 A 194 B8
7	Cap	CC493K	B 505 UNS C93200

Specifications	
Type 05418	Криогенен вентил Class 300 / ANSI B16.5
Connection standard	фланцеви
Face to face lenght	заводска нормала
Cover connection	фланцево
Body type	Straight
Connection ends	на фланци
Actuation	самостоятелно
Working temp. [°C]	-196°C / -321°F (77K)

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Налягане CLASS 300
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Specifications	
	to +120°C / +248°F (393K)

Type 05418 - standard design technical data										
Nominal size	DN	15	20	25	40	50	65	80	100	150
Dimension code - Flange ANSI B16.5 class 300	.X.	0400	0600	1000	1400	2000	2400	3000	4000	6000
Flange-0	D-class	95	115	125	155	165	190	210	255	320
Face-to-face dimension	FF	140	150	160	200	230	290	310	350	597
Height	H	70	75	75	95	90	125	150	165	215
Weight	ca. kg	2.9	3.4	4.4	6.4	11.6	19.2	25.2	39.8	90.3
Kvs-Value	m3/h	4.3	6.7	11.5	22.6	37.1	71.1	104.0	170.0	350.0
Cv-Value	gal/min	5.0	7.8	13.4	26.3	43.2	82.7	120.9	195.2	401.8
Dimensions in mm. Compliance of tightness requirements acc. to EN 1626 for DN150 up to 20 bar differential pressure. In the range of >20-40 bar,										
350-700ml (1 bar, 20°C [68°F]) are reached.										