

GLOBE NON-RETURN VALVE TYPE 05416

BUTT WELD ENDS

Материал stainless steel 1.4308
 Налягане PN 50
 Размер DN 10 - 100

ТЕХНИЧЕСКО ОПИСАНИЕ

Type 05416 - Check Valve
 Cryogenic-Check Valves, PN50 (DN150=PN40)

Stainless steel body and bronze cap

- with spring, opening pressure ca. 0.1 bar
- cleaned and degreased for oxygen service

· Part No. 05416.X.000*

* Buttweld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312
 Part No. 05416.X.0004

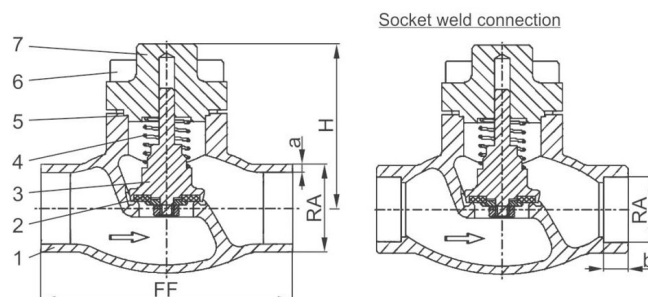
Socket weld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312

РАБОТЕН ФЛУИД / СРЕДА

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

ОПЦИИ

- Welded stainless steel stubs acc. to ISO 1127 or ASTM A312 - length FF + 200mm



№	Materials	Din en	Astm
1	Body	1.4308	A 351 CF8
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 05416	Криогенен възвратен вентил PN 50

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BUTT WELD ENDS

Материал stainless steel 1.4308
 Налягане PN 50
 Размер DN 10 - 100

Specifications	
Connection standard	за заварка
Face to face lenght	заводска нормала
Cover connection	фланцево
Body type	Straight
Connection ends	на челна заварка
Actuation	самостоятелно
Working temp. [°C]	-196°C / -321°F (77K)
	to +120°C / +248°F (393K)

Type 05416 - standard design / technical data														
Nominal size	DN	10	15	15	20	25	32	40	40	50	65	80	100	150
Dimension code	.X.	1012	1517	1521	2026	2533	3238	4042	4048	5060	657x	8088	0114	0168
Face-to-face dimension	FF	70	85	85	100	115	115	130	130	155	205	245	280	400
Height	H	71	71	71	72	75	87	95	95	95	125	150	185	215
Outside pipe-0 ISO 1127	RA	12.0	17.2	21.3	26.9	33.7	38.0	42.4	48.3	60.3	76.1	88.9	114.3	168.3
Wall thickness pipe ISO 1127	a	1.0	1.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6	3.2	6.0	7.1
Outside pipe-0 ASTM A312	RA	13.721	17.15	21.34	26.67	33.40	-	42.16	48.26	60.33	73.03	88.90	114.3	168.3
Wall thickness pipe ASTM A312	a	dimensions acc. to S10 or S40												
Socket depth	b	6	10	10	13	13	-	13	13	16	16	16	20	20
Weight	ca. kg	0.7	0.95	1.0	1.3	1.6	2.4	3.9	3.9	5.7	9.6	14.6	20.0	51.0
Kvs-Value	m3/h	1.6	3.8	4.3	6.7	11.5	14.0	20.6	22.6	37.1	71.1	104.0	170.0	350.0
Cv-Value	gal/min	1.9	4.4	5.0	7.8	13.4	16.2	23.9	26.3	43.2	82.7	120.9	195.2 ?	401.8