

Valves for Cryogenic Service

Type 08412 - Strainer

Cryogenic-Strainer, PN50

Bronze body and cap
with strainer screen mesh size 0.25 mm
" cleaned and degreased for oxygen service "

Part No. 08412.X.0001

Socket end for copper stubs acc. to DIN EN 12449 or ASTM B88

Available options - on request only:

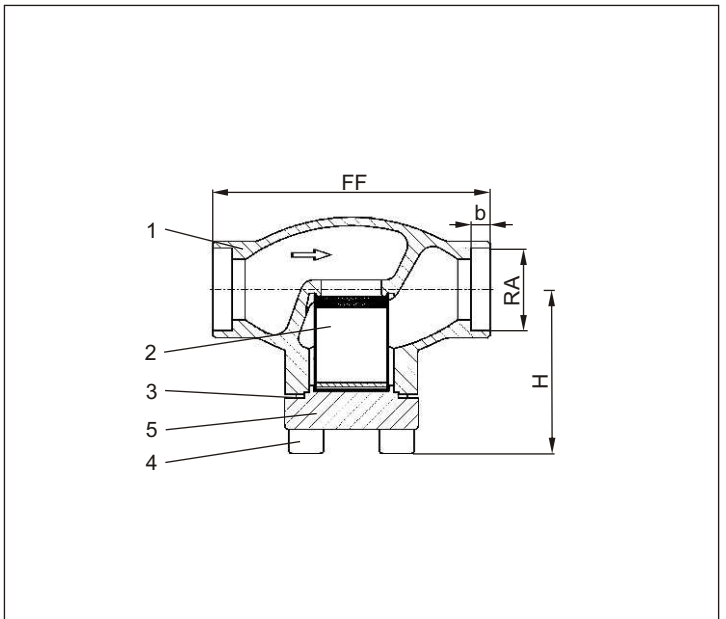
- Socket end for stainless steel stubs acc. to DIN EN ISO 1127
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen item 2 in bronze



Applications:

Approved for air gases, vapours and cryogenic liquefied gases incl. LNG.
Working temperature: -196°C / -321°F (77K) up to +120°C / +248°F (393K)

Materials	DIN EN	ASTM
1 Body	CC491K	B 62 UNS C83600
2 Strainer screen	1.4301	A 240 Grade 304
3 Bonnet gasket	PTFE	
4 Bolts	1.4301/A2	A 194 B8
5 Cap	CC493K	B 505 UNS C93200



Standard marking acc. to Pressure Equipment Directive 97/23/EG (PED).



Marking acc. to Directive 99/36/EG (TPED) will only be carried out by written notice on purchase order.



Type 08412 – Standard design	Technical data								
	DN	10	15	20	25	32	40	50	
Nominal size	.X.	X=DNRA, Example: valve DN10 for copper pipe RAø12mm, X=1012							
Face-to-face dimension	FF	60	85	85	115	115	140	160	
Height	H	62	62	65	69	76	89	89	
Outside pipe-Ø	RA	dependent on order							
Socket depth	b	6	6	8	8	10	13	20	
Weight	ca. kg	0.6	0.8	0.9	1.2	1.8	3.1	4.7	
Kvs – Value	m ³ /h	1.5	3.4	6.5	9.5	14.0	21.0	28.0	
Cv – Value	gal /min	1.7	3.9	7.5	11.0	16.2	24.3	32.4	

Dimensions in mm.