

Strainers

Type 08412 - Strainer



Cryogenic-Strainer, PN50 (DN10-25), PN40 (DN32), PN35 (DN40-50)

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

Part No. 08412.X.0008

Complete with brazed copper stubs acc. to DIN EN 12449

Available options - on request only:

- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities

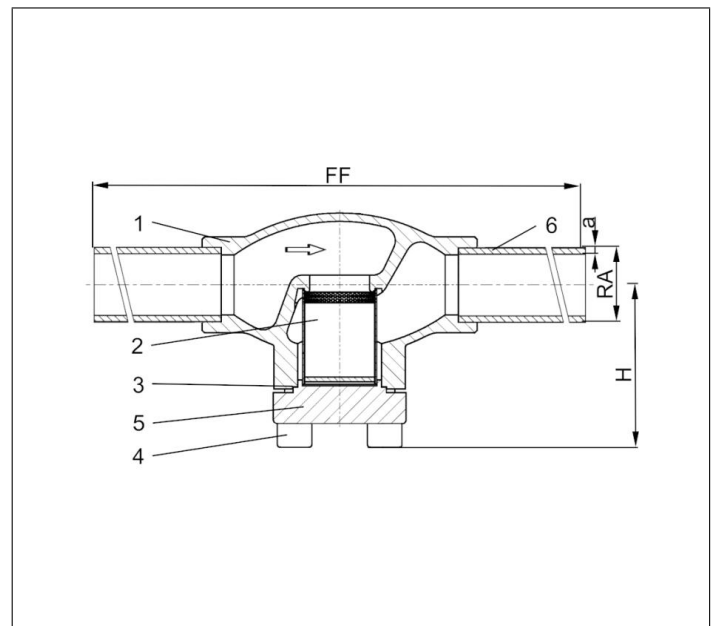


Applications:

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
6 Copper stubs	CW024A	B 152 UNS C12200



Type 08412 - Standard design	Technical data								
Nominal size	DN	10	15	15	20	25	32	40	50
Dimension code	.X.	1012	1515	1518	2022	2528	3235	4042	5054
Face-to-face dimension	FF	360	385	385	385	415	415	440	460
Height	H	62	62	62	65	69	76	89	89
Outside pipe-Ø	RA	12.0	15.0	18.0	22.0	28.0	35.0	42.0	54.0
Wall thickness pipe	a	1.0	1.5	1.5	1.5	1.5	1.5	1.5	2.0
Weight	ca. kg	0.75	1.0	1.0	1.2	1.8	2.5	4.1	6.0
Kvs-Value	m ³ /h	1.5	3.4	3.4	6.5	9.5	14.0	21.0	28.0
Cv-Value	gal/min	1.7	3.9	3.9	7.5	11.0	16.2	24.3	32.4

Dimensions in mm.