

# 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

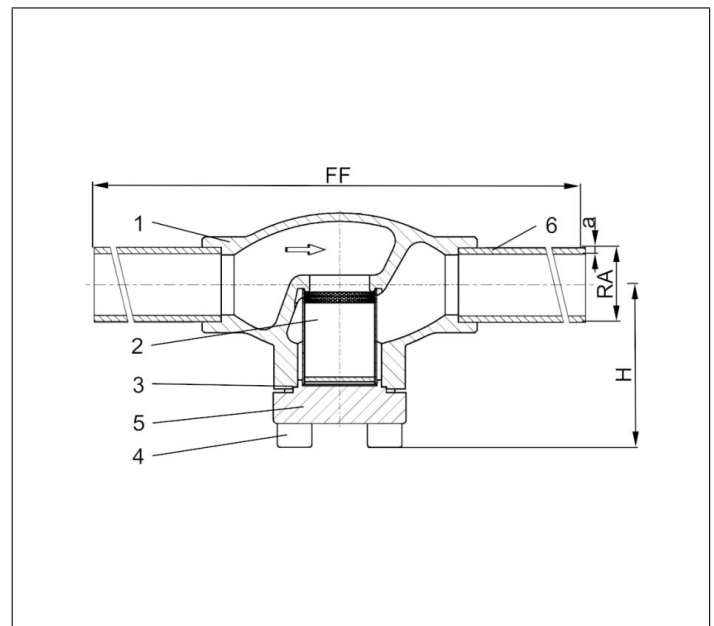


### Applications:

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 <sup>3</sup> /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.