

Strainer

Type 08431 - Strainer, ANSI Flanges



Cryogenic-Strainer, class 300

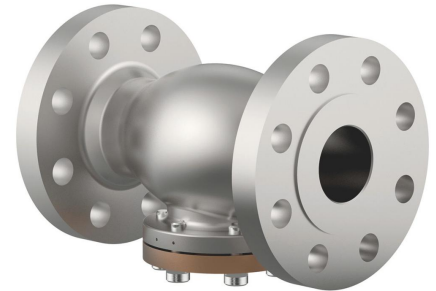
Stainless steel body and bronze cap
with strainer screen mesh size 0.25 mm
"cleaned and degreased for oxygen service"

Part No. 08431.X.0003

Flanged connection acc. to ANSI B16.5 class 300

Available options - on request only:

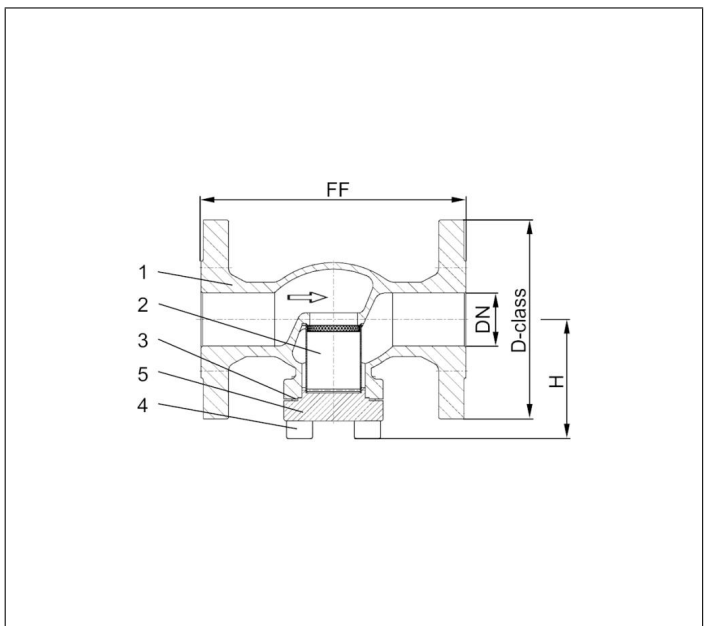
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen item 2 in bronze
- Nominal sizes DN15 and DN20 with welding-neck flange



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	1.4308	A 351 CF8
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/EC (PED).



Type 08431 - Standard design	Technical data						
Nominal size	DN	25	40	50	65	80	100
Dimension code - Flange ANSI B16.5 class 300	.X.	1000	1400	2000	2400	3000	4000
Flange-Ø	D-class	123.9	155.4	165	190.5	209.5	254
Face-to-face dimension	FF	160	200	230	290	310	350
Height	H	69	89	89	125	150	166
Weight	ca. kg	4.0	8.1	10.6	17.7	23.2	36.8
Kvs-Value	m ³ /h	9.5	21.0	28.0	62.0	90.0	118.0
Cv-Value	gal/min	11.0	24.3	32.4	71.7	104.0	136.4

Dimensions in mm.