

# Strainers

## Type 08431 - Strainer, ASME B16.5 Flanges



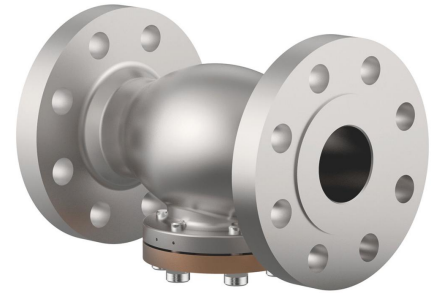
### Cryogenic-Strainer, class 150

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

**Part No. 08431.X.0001** Flanged connection acc. to ASME B16.5 class 150

Available options - on request only:

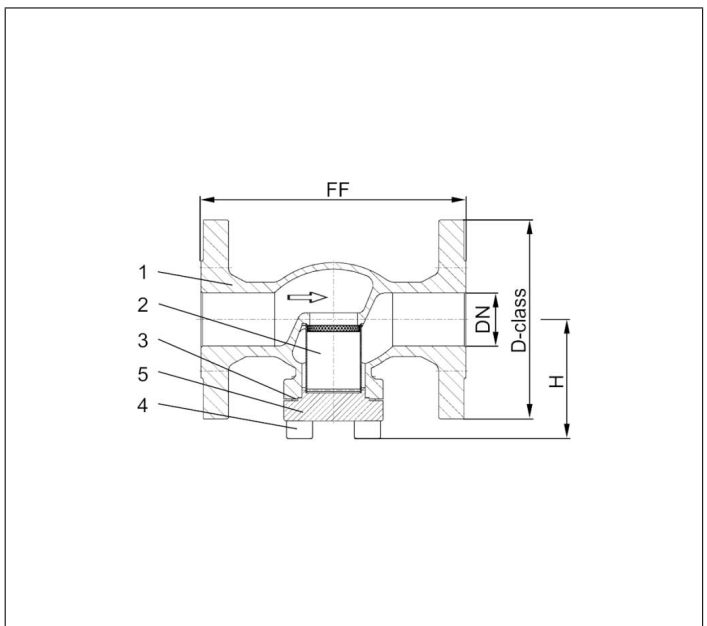
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities



### 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	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



Type 08431 - Standard design	Technical data									
Nominal size	DN	15	20	25	40	50	65	80	100	150
Dimension code - Flange ASME B16.5 class 150	.X.	0400	0600	1000	1400	2000	2400	3000	4000	6000
Flange-Ø	D-class	90	100	110	125	150	180	190	230	280
Face-to-face dimension	FF	140	150	160	200	230	290	310	350	577
Height	H	62	69	69	89	89	125	150	166	212
Weight	ca. kg	2.5	3.0	4.0	8.1	10.6	17.7	23.2	36.8	76.9
Kvs-Value	m <sup>3</sup> /h	4.3	6.7	9.5	21.0	28.0	62.0	90.0	118.0	on request
Cv-Value	gal/min	5.0	7.8	11.0	24.3	32.4	71.7	104.0	136.4	on request

Dimensions in mm.