

Strainers

Type 08431 - Strainer, ASME B16.5 Flanges



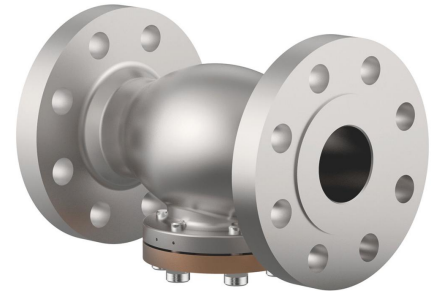
Cryogenic-Strainer, class 150

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:

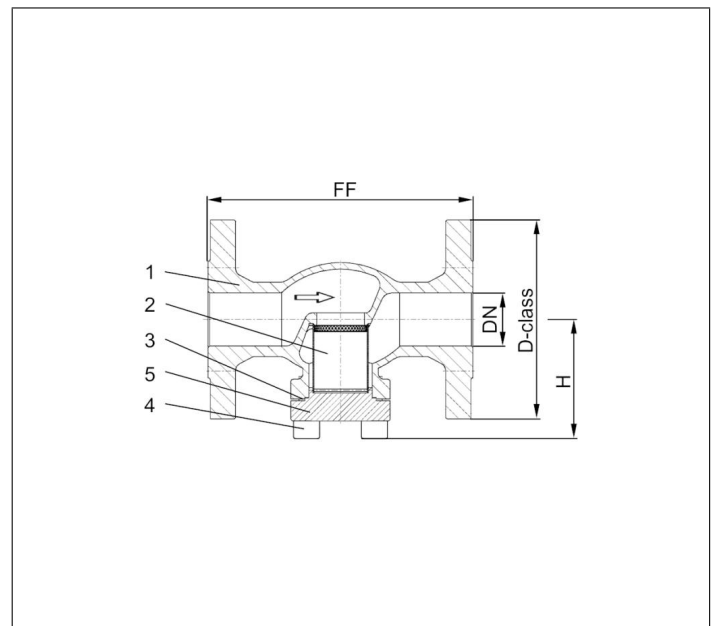
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities



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 ³ /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.