

# Strainer

## Type 08412 - Strainer



### Cryogenic-Strainer, PN50

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

### Part No. 08412.X.0001

Socket end for copper pipes acc. to DIN EN 12449 or ASTM B88

Available options - on request only:

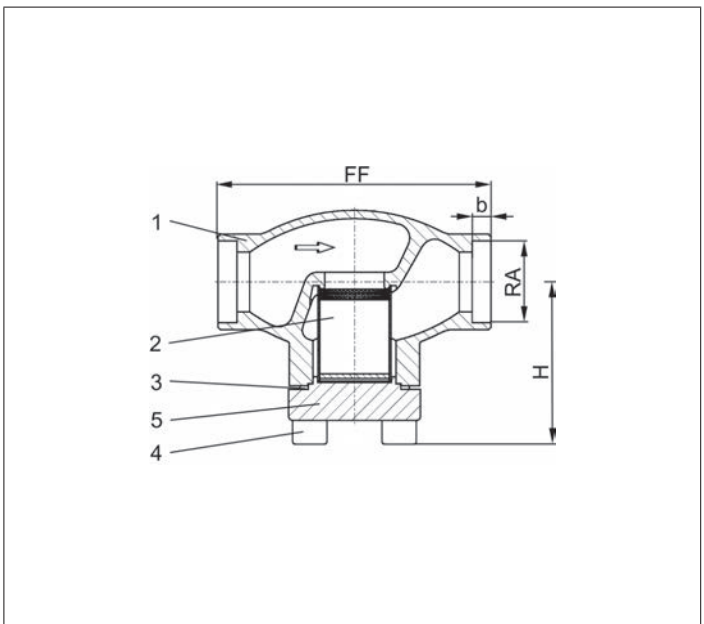
- Socket end for stainless steel pipes acc. to ISO 1127
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities



### 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 Sieb	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 08412 - Standard design	Technical data							
Nominal size	DN	10	15	20	25	32	40	50
Dimension code	.X.	X=DNRA, Example: valve DN10 for copper pipe RAø12mm, X=1012						
Face-to-face dimension	FF	60	85	85	115	115	140	160
Height	H	62	62	65	69	76	89	89
Outside pipe-Ø	RA	dependent on order						
Socket depth	b	6	6	8	8	10	13	20
Weight	ca. kg	0.6	0.8	0.9	1.2	1.8	3.1	4.7
Kvs-Value	m <sup>3</sup> /h	1.5	3.4	6.5	9.5	14.0	21.0	28.0
Cv-Value	gal/min	1.7	3.9	7.5	11.0	16.2	24.3	32.4

Dimensions in mm.

# Strainer

## Type 08412 - Strainer



### Cryogenic-Strainer, PN50

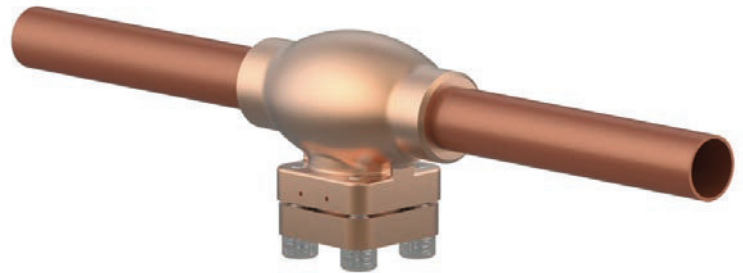
Bronze body and cap  
with strainer screen mesh size 0.25 mm  
"cleaned and degreased for oxygen service"

### Part No. 08412.X.0008

Complete with brazed copper stubs acc. to DIN EN 12449

Available options - on request only:

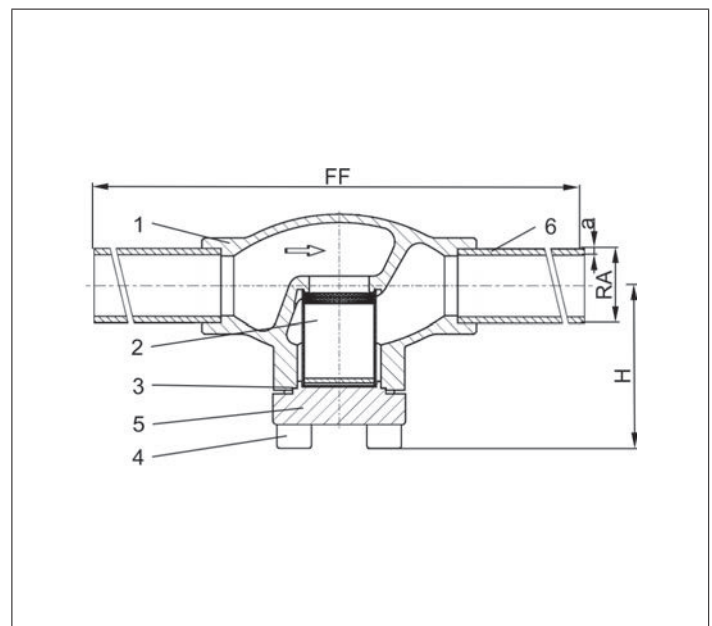
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities



### 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



Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



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	420	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.

# Strainer

## Type 08412 - Strainer



### Cryogenic-Strainer, PN50

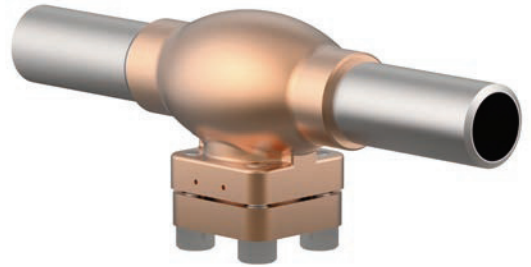
Bronze body and cap  
with strainer screen mesh size 0.25 mm  
"cleaned and degreased for oxygen service"

### Part No. 08412.X.0007

Complete with brazed stainless steel stubs acc. to DIN EN 10216-5 or ASTM A312

Available options - on request only:

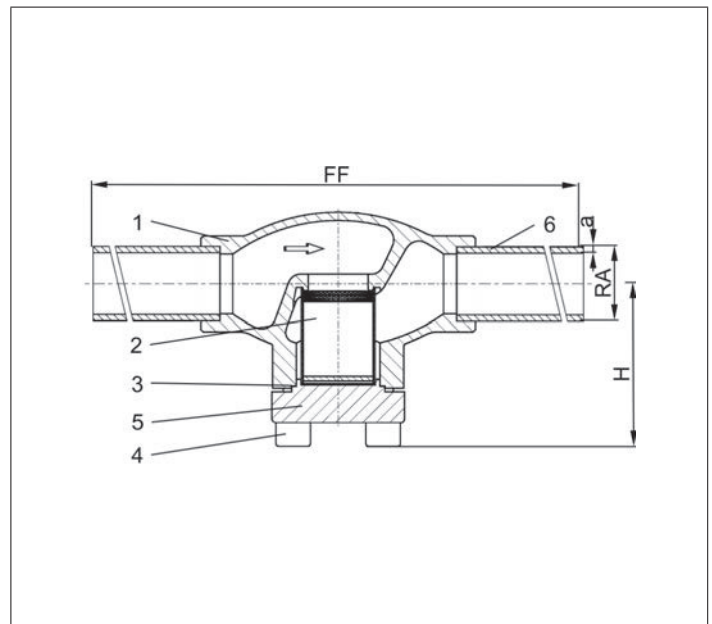
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities



### 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 Stainless steel stubs	1.4306	A 312 TP304L



Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 08412 - Standard design	Technical data								
Nominal size	DN	10	10	15	20	25	32	40	50
Dimension code	.X.	1012	1017	1521	2027	2533	3242	4048	5060
Face-to-face dimension	FF	210	210	235	235	265	265	290	310
Height	H	62	62	62	65	69	76	89	89
Outside pipe-Ø ISO 1127	RA	12.0	17.2	21.3	26.9	33.7	42.4	48.3	60.3
Wall thickness pipe ISO 1127	a	1.0	2.3	2.6	2.9	3.2	3.2	3.6	3.6
Outside pipe-Ø ASTM A312	RA	-	17.15	21.34	26.67	33.4	42.16	48.26	60.33
Wall thickness pipe ASTM A312	a	dimensions acc. to S10 or S40							
Weight	ca. kg	0.75	0.75	1.0	1.2	1.8	2.5	4.1	6.0
Kvs-Value	m <sup>3</sup> /h	1.5	1.5	3.4	6.5	9.5	14.0	21.0	28.0
Cv-Value	gal/min	1.7	1.7	3.9	7.5	11.0	16.2	24.3	32.4

Dimensions in mm.



# Strainer

## Type 08413 - Strainer



### Cryogenic-Strainer, PN50

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

#### Part No. 08413.X.0001

Female thread connection (G) acc. to ISO 228/1

#### Part No. 08413.X.0006

Female thread connection NPT acc. to ANSI B 1.20.1

Available options - on request only:

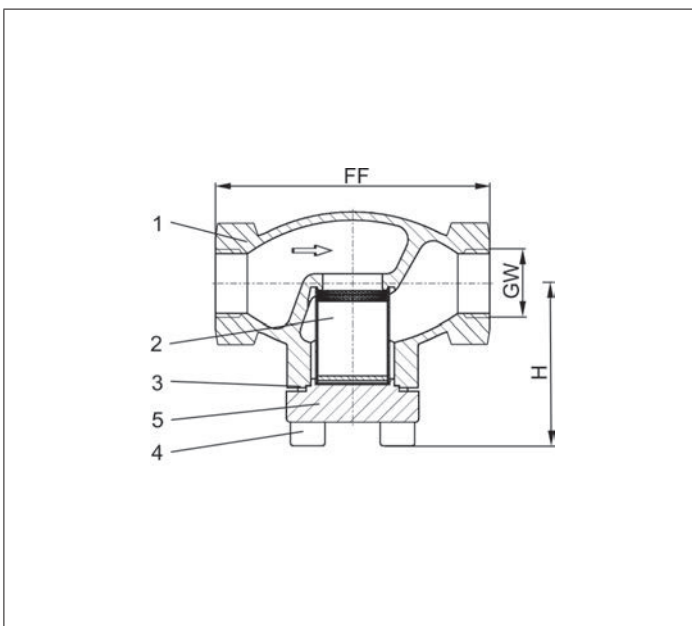
- Female thread connection (R) acc. to ISO 7-Rc
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities



### 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



Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 08413 - Standard design	Technical data								
Nominal size	DN	10	10	15	20	25	32	40	50
Thread size	GW	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
Dimension code	.X.	0200	0300	0400	0600	1000	1200	1400	2000
Face-to-face dimension	FF	60	60	85	85	115	115	140	160
Height	H	62	62	62	65	69	76	89	89
Weight	ca. kg	0.6	0.6	0.8	0.9	1.2	1.8	3.1	4.7
Kvs-Value	m <sup>3</sup> /h	1.5	1.5	3.4	6.5	9.5	14.0	21.0	28.0
Cv-Value	gal/min	1.7	1.7	3.9	7.5	11.0	16.2	24.3	32.4

Dimensions in mm.

# Strainer

## Type 08414 - Strainer



### Cryogenic-Strainer, PN50 (DN100/150=PN40)

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

#### Part No. 08414.X.000\*

\* Butt weld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312

#### Part No. 08414.X.0004

Socket weld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312

Available options - on request only:

- Welded stainless steel stubs acc. to ISO 1127 or ASTM A312 - length FF + 200mm
- 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



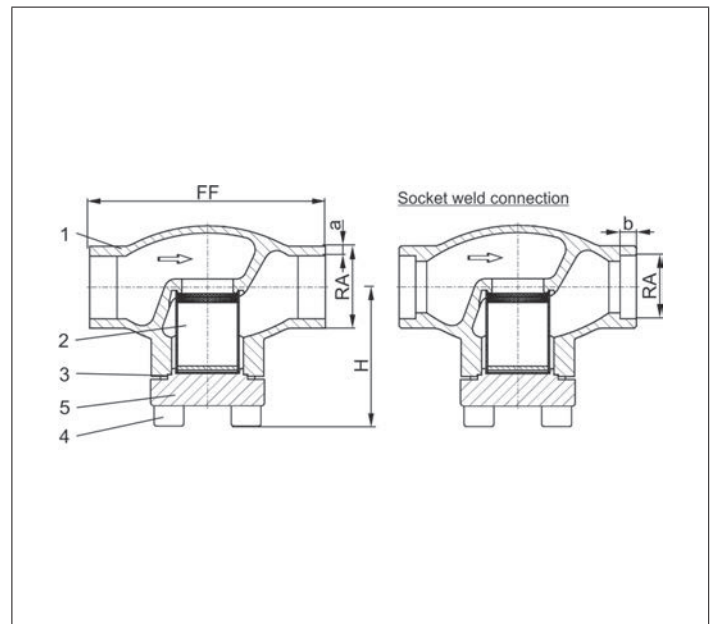
### Applications:

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

Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 08414 - Standard	Technical data														
	DN	10	15	15	20	25	32	40	40	50	65	80	100	150	
Nominal size	.X.	1012	1517	1521	2026	2533	3238	4042	4048	5060	657x	8088	0114	0168	
Dimension code															
Face-to-face dimension	FF	70	85	85	100	115	115	130	130	155	205	245	280	400	
Height	H	62	62	62	65	69	76	89	89	89	125	150	166	215	
Outside pipe-Ø ISO 1127	RA	12.0	17.2	21.3	26.9	33.7	38.0	42.4	48.3	60.3	76.1	88.9	114.3	168.3	
Wall thickness pipe ISO 1127	a	1.0	1.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6	3.2	6.0	7.1	
Outside pipe-Ø ASTM A312	RA	13.72	17.15	21.34	26.67	33.40	-	42.16	48.26	60.33	73.03	88.90	114.3	168.3	
Wall thickness pipe ASTM A312	a	dimensions acc. to S10 or S40													
Socket depth	b	6	10	10	13	13	-	13	13	16	16	16	20	20	
Weight	ca. kg	0.6	0.75	0.8	0.9	1.2	1.8	3.1	3.1	4.7	8.9	13.6	18.0	48.0	
Kvs-Value	m <sup>3</sup> /h	1.5	3.4	3.4	6.5	9.5	14.0	19.0	21.0	28.0	62.0	90.0	118.0	300.0	
Cv-Value	gal/mi	1.7	3.9	3.9	7.5	11.0	16.2	22.0	24.3	32.4	71.7	104.0	136.4	346.8	

Dimensions in mm. Compliance of tightness requirements acc. to EN 1626 for DN150 up to 20 bar differential pressure.



# Strainer

## Type 08415 - Strainer



### Cryogenic-Strainer, PN50

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

#### Part No. 08415.X.0001

Female thread connection (G) acc. to ISO 228/1

#### Part No. 08415.X.0006

Female thread connection NPT acc. to ANSI B 1.20.1

Available options - on request only:

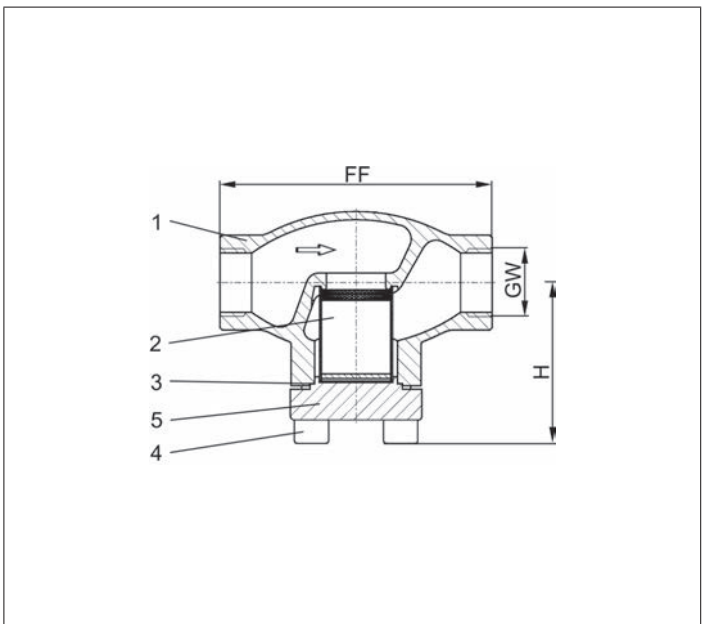
- Female thread connection (R) acc. to ISO 7-Rc
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities



### 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 Sieb	1.4301	A 240 Grade 304
3 Bonnet gasket	PTFE	
4 Capschrauben	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 08415 - Standard design	Technical data								
Nominal size	DN	10	10	15	20	25	40	40	50
Thread size	GW	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
Dimension code	.X.	0200	0300	0400	0600	1000	1200	1400	2000
Face-to-face dimension	FF	70	70	85	100	115	130	130	155
Height	H	62	62	62	65	69	89	89	89
Weight	ca. kg	0.6	0.6	0.8	0.9	1.2	3.1	3.1	4.7
Kvs-Value	m <sup>3</sup> /h	1.5	1.5	3.4	6.5	9.5	19.0	21.0	28.0
Cv-Value	gal/min	1.7	1.7	3.9	7.5	11.0	22.0	24.3	32.4

Dimensions in mm.

# Strainer

## Type 08431 - Strainer, DIN EN Flanges



### Cryogenic-Strainer, PN40

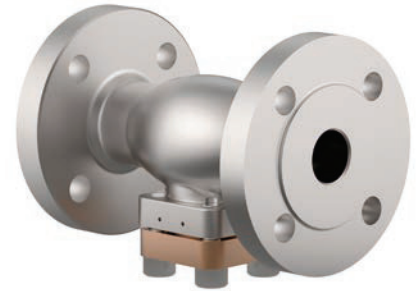
Stainless steel body and bronze cap  
with strainer screen mesh size 0.25 mm  
"cleaned and degreased for oxygen service"

#### Part No. 08431.X.0002

Flanged connection acc. to DIN EN 1092-1 PN40

Available options - on request only:

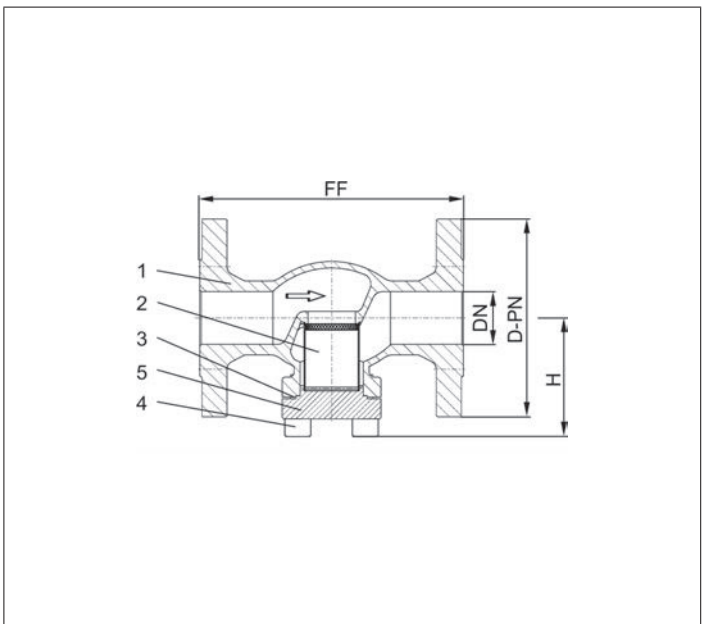
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities
- Nominal sizes DN15, DN20 and DN150 with welding-neck flange



### 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 EN 1092-1 PN40	.X.	0250	0400	0500	0650	0800	1000
Flange-Ø	D-PN	115	150	165	185	200	235
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 <sup>3</sup> /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.

# 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 in bronze or monel
- sintered filter in bronze or stainless steel in various porosities
- Nominal sizes DN15, DN20 and DN150 with welding-neck flange

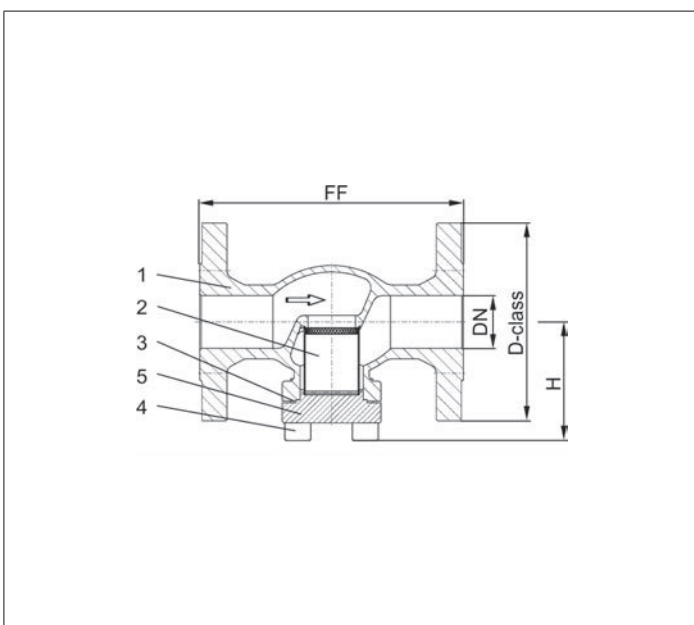


### Applications:

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 <sup>3</sup> /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.



# Strainer

## Type 08417 - Strainer



### Cryogenic-Strainer, PN50 (DN100/150=PN40)

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

#### Part No. 08417.X.000\*

\* Butt weld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312

#### Part No. 08417.X.0004

Socket weld connection for stainless steel pipes acc. to ISO 1127 or ASTM A312

Available options - on request only:

- Welded stainless steel stubs acc. to ISO 1127 or ASTM A312 - length FF + 200mm
- 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

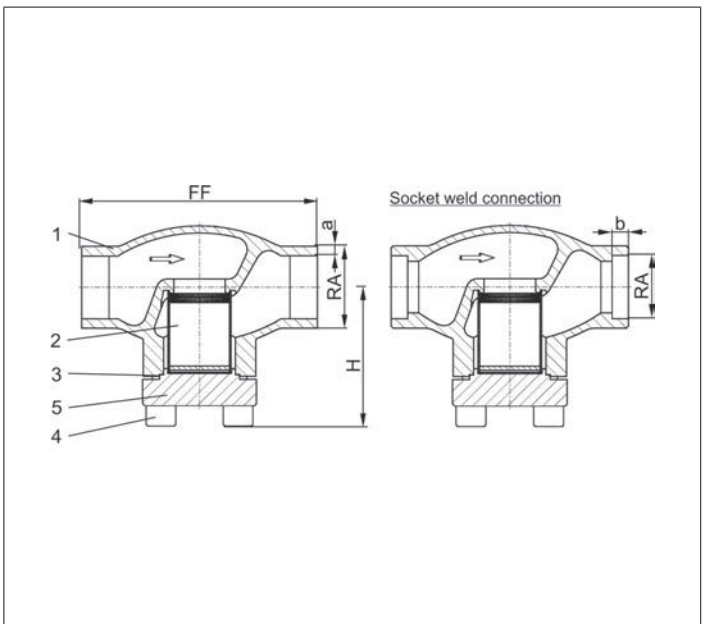


### Applications:

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	1.4301	A 276 Grade 304



Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 08417 - Standard	Technical data														
Nominal size	DN	10	15	15	20	25	32	40	40	50	65	80	100	150	
Dimension code	.X.	1012	1517	1521	2026	2533	3238	4042	4048	5060	657x	8088	0114	0168	
Face-to-face dimension	FF	70	85	85	100	115	115	130	130	155	205	245	280	400	
Height	H	62	62	62	65	69	76	89	89	89	125	150	166	215	
Outside pipe-Ø ISO 1127	RA	12.0	17.2	21.3	26.9	33.7	38.0	42.4	48.3	60.3	76.1	88.9	114.3	168.3	
Wall thickness pipe ISO 1127	a	1.0	1.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6	3.2	6.0	7.1	
Outside pipe-Ø ASTM A312	RA	13.72	17.15	21.34	26.67	33.40	-	42.16	48.26	60.33	73.03	88.90	114.3	168.3	
Wall thickness pipe ASTM A312	a	dimensions acc. to S10 or S40													
Socket depth	b	6	10	10	13	13	-	13	13	16	16	16	20	20	
Weight	ca. kg	0.6	0.75	0.8	0.9	1.2	1.8	3.1	3.1	4.7	8.9	13.6	18.0	48.0	
Kvs-Value	m <sup>3</sup> /h	1.5	3.4	3.4	6.5	9.5	14.0	19.0	21.0	28.0	62.0	90.0	118.0	300.0	
Cv-Value	gal/mir	1.7	3.9	3.9	7.5	11.0	16.2	22.0	24.3	32.4	71.7	104.0	136.4	346.8	

Dimensions in mm. Compliance of tightness requirements acc. to EN 1626 for DN150 up to 20 bar differential pressure.

# Strainer

## Type 08416 - Strainer



### Cryogenic-Strainer, PN50

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

#### Part No. 08416.X.0001

Female thread connection (G) acc. to ISO 228/1

#### Part No. 08416.X.0006

Female thread connection NPT acc. to ANSI B 1.20.1

Available options - on request only:

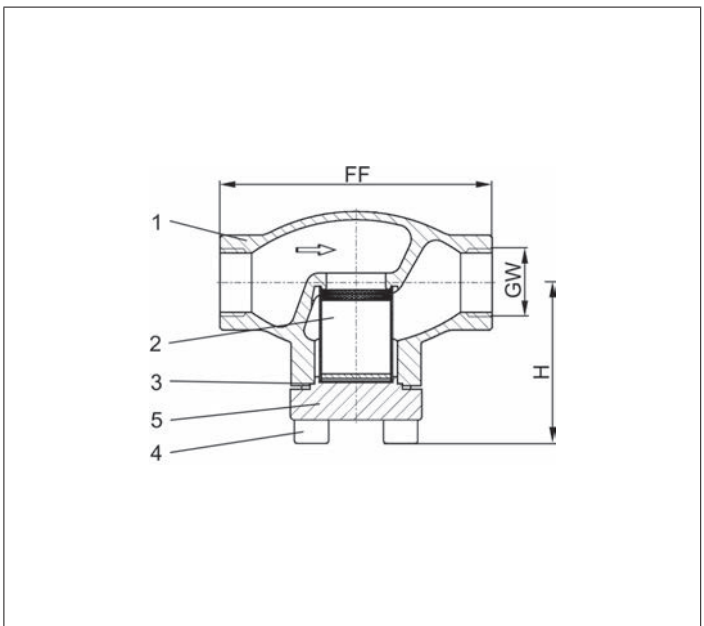
- Female thread connection (R) acc. to ISO 7-Rc
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities



### 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	1.4301	A 276 Grade 304



Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 08416 - Standard design	Technical data								
Nominal size	DN	10	10	15	20	25	40	40	50
Thread size	GW	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
Dimension code	.X.	0200	0300	0400	0600	1000	1200	1400	2000
Face-to-face dimension	FF	70	70	85	100	115	130	130	155
Height	H	62	62	62	65	69	89	89	89
Weight	ca. kg	0.6	0.6	0.8	0.9	1.2	3.1	3.1	4.7
Kvs-Value	m <sup>3</sup> /h	1.5	1.5	3.4	6.5	9.5	19.0	21.0	28.0
Cv-Value	gal/min	1.7	1.7	3.9	7.5	11.0	22.0	24.3	32.4

Dimensions in mm.

# Strainer

## Type 08432 - Strainer, DIN EN Flanges



### Cryogenic-Strainer, PN40

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

#### Part No. 08432.X.0002

Flanged connection acc. to DIN EN 1092-1 PN40

Available options - on request only:

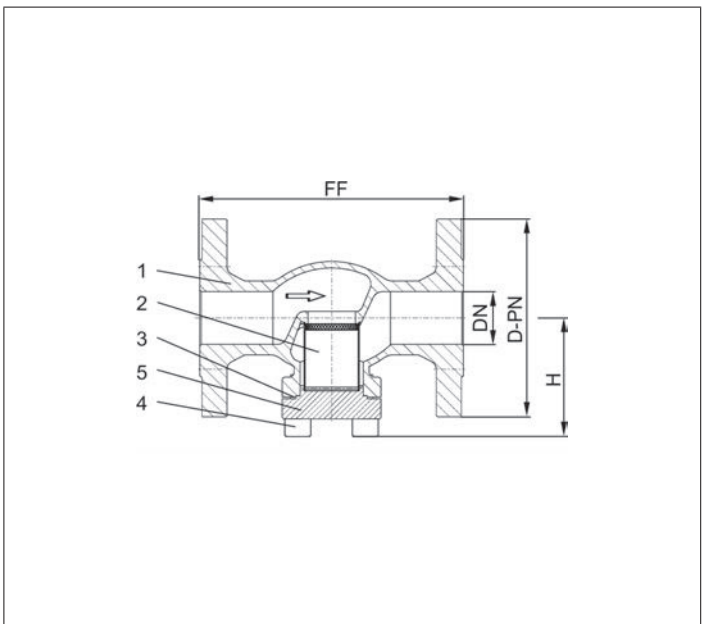
- other mesh sizes for strainer screen (changed flow coefficient)
- strainer screen in bronze or monel
- sintered filter in bronze or stainless steel in various porosities
- Nominal sizes DN15, DN20 and DN150 with welding-neck flange



#### 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	1.4301	A 276 Grade 304



Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 08432 - Standard design	Technical data						
Nominal size	DN	25	40	50	65	80	100
Dimension code - Flange EN 1092-1 PN40	.X.	0250	0400	0500	0650	0800	1000
Flange-Ø	D-PN	115	150	165	185	200	235
Face-to-face dimension	FF	160	200	230	290	310	350
Height	H	69	89	89	125	150	166
Weight	ca. kg	4.0	5.6	10.6	17.7	23.2	36.8
Kvs-Value	m <sup>3</sup> /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.

# Strainer

## Type 08432 - Strainer, ANSI Flanges



### Cryogenic-Strainer, class 300

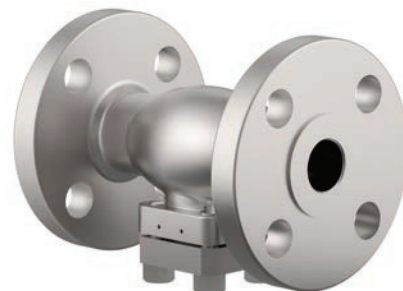
Stainless steel body and cap  
with strainer screen mesh size 0.25 mm  
"cleaned and degreased for oxygen service"

### Part No. 08432.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 in bronze or monel
- sintered filter in bronze or stainless steel in various porosities
- Nominal sizes DN15, DN20 and DN150 with welding-neck flange

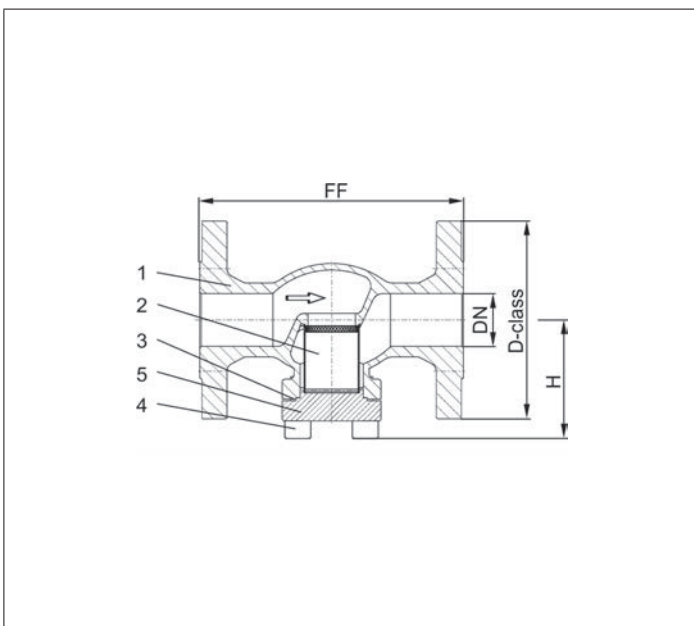


### Applications:

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	1.4301	A 276 Grade 304



Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 08432 - 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	5.6	10.6	17.7	23.2	36.8	
Kvs-Value	m <sup>3</sup> /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.