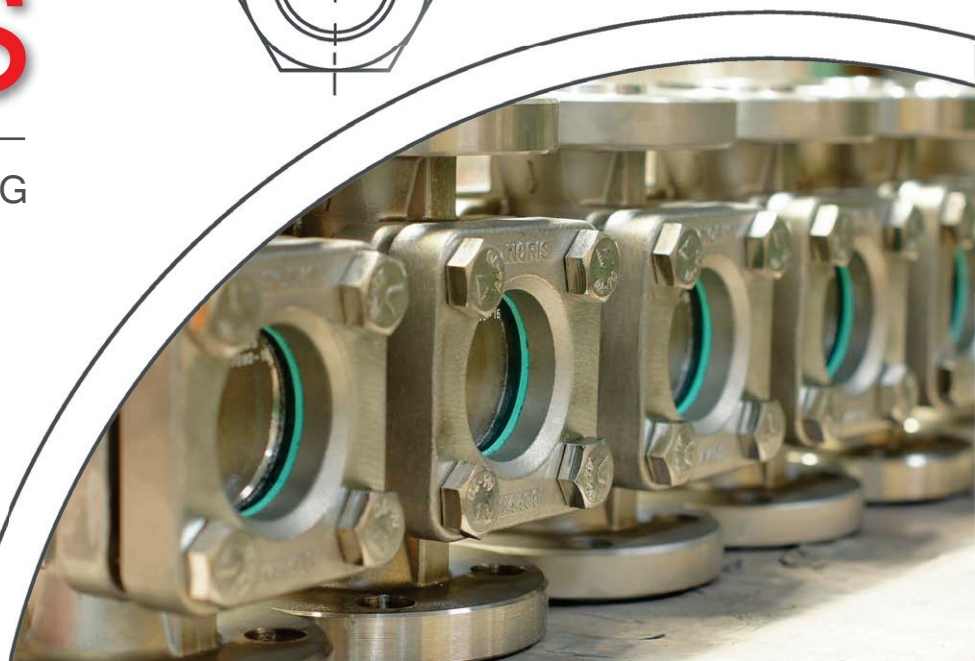
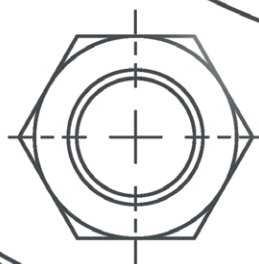
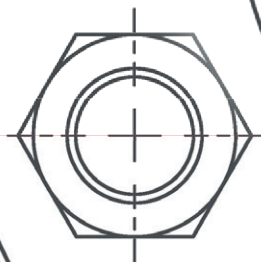
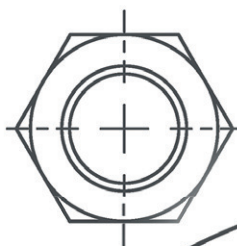


NORIS

— ARMATUREN —

BURKENSTEIN GMBH & Co. KG



Tank Sight Glass Fittings

Sight Flow Indicators

Strainers

TRUST
IN WHAT YOU SEE.

QUILINOX[®] 

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46980, Paterna (España)

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quilinox@quilinox.com

902 304 316



With Flange Connection DIN / ANSI



type
description
pressure
size

BF 880
DIN 3237
PN 16 - PN 40
DN 15 - DN 200

BF 885
DIN 3236
PN 16 - PN 40
DN 15 - DN 150

BF 112
without residual fluid
PN 16
DN 15 - DN 400

BF 912
high-pressure design
up to PN 160
DN 15 - DN 100

BF 108-B
loose flanges
PN 10
DN 15 - DN 80

all flanges available in ANSI design (see data sheet)

With Thread



type
description
pressure
size

BF 881
G- (BSP) or NPT- thread
PN 16 - PN 40
1/4" - 2"

In Angle- or Multiway-Line



BF 920
angle-line
PN 10 - PN 40
DN 15 - DN 200



BF 972
3-way-line
PN 16 - PN 40
DN 15 - DN 200



BF 974
4-way-line
PN 16 - PN 40
DN 15 - DN 200

With Welding Ends



type
description
pressure
size

BF 880-S
butt weld ends
PN 16 - PN 40
DN 15 - DN 200



BF 880-SOW
socket weld ends
PN 16 - PN 40
DN 15 - DN 100

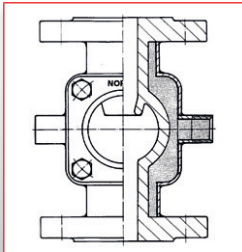
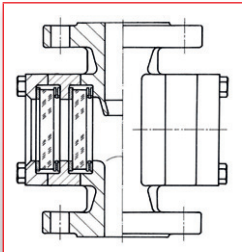
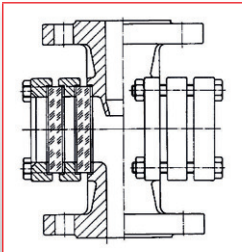
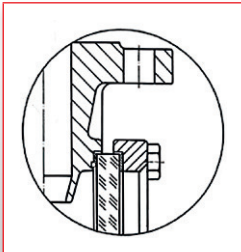
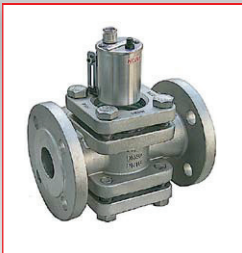


BF 112-S
without residual fluid
PN 16
DN 10 - DN 400



BF 912-S
high-pressure design
up to PN 160
DN 15 - DN 100

Additional Equipment

					
description	heating jacket	safety double windows	double windows	vacuum sealing	spray washer
					
description	flap indication	spinner	light fitting standard or EX-design	wiper BF190-T / 190-F with T-handle or freewheel	protective grid

Materials

casting materials	welding materials
- GG-25 - GS-C 25 1.4408 - other materials on request	- carbon steel 1.4571 - other materials on request

Tubular Sight Glasses

DIN / ANSI

				
type	BF 20	BF 25	BF 25-B	NORIS tubular sight glasses available with:
description	standard	safety sealing	with ball indication	• DIN / ANSI flanges (see data sheet) • thread • welding ends
pressure	up to 6 bar	up to 6 bar	up to 6 bar	
size	DN 15 - DN 200	DN 15 - DN 200	DN 25 - DN 100	
materials	carbon steel / 1.4571	carbon steel / 1.4571	carbon steel / 1.4571	

To Be Welded Directly to Tanks



type	BF 120	BF 118	BF 220	BF 225	BF 127	BF 230
description	DIN 28120	light design	rectangular	obround	similar to DIN 11851	with welding end
pressure	PN 6 - PN 16	PN 2,5	PN 16	PN 3 - PN 25	PN 6	PN 10 - PN 63
size	DN 25 - DN 200	DN 50 - DN 200	see data sheet	see data sheet	DN 50 - DN 125	DN 25 - DN 200
materials	c-steel / 1.4541 / 1.4571	carbon steel / 1.4571	carbon steel / 1.4571	carbon steel / 1.4571	1.4404 / 1.4301	c-steel / 1.4541 / 1.4571

To Be Mounted to Existing Flanges

DIN / ANSI



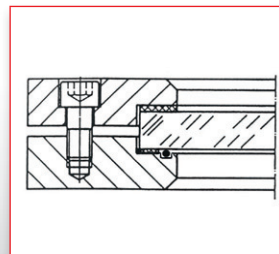
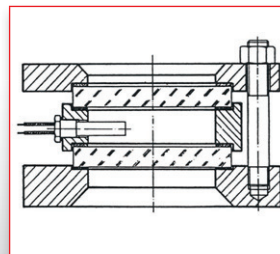
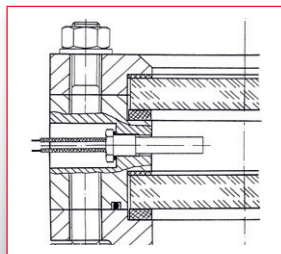
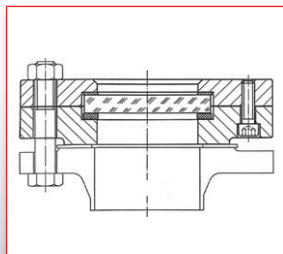
type	BF 121	BF 1205	BF 232	further opportunities
description	DIN 28121	manhole sight glass	with male thread	- BF 121 and BF 1205 available in ANSI design - all tank sight glass fittings available in special materials - special flanges on request
pressure	PN 10 - PN 25	acc. to arrangement	up to PN 40	
size	DN 40 - DN 200	DN 150 - DN 800	G (BSP)	
materials	carbon steel / 1.4571	c-steel / 1.4541 / 1.4571	carbon steel / 1.4571	

Materials

welding materials

- HII / C 22.8
- 1.4541
- 1.4571
- other materials on request

Additional Equipment



description

high-temperature

$T_{max} > 200\text{ °C} *$

safety double windows

also with heating system

double windows

also with heating system

vacuum sealing

with O-ring sealing



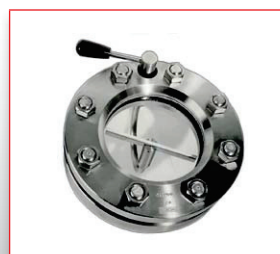
description

spray washer BF121-I

spray washer BF198

standard light fitting

EX light fitting



description

wiper with T-handle BF190-T

wiper with freewheel BF190-F

wiper pressure-resistant BF195

protective grid

Available Additional Equipment

	high temp.	safety dbl. win.	dbl. windows	vacuum	BF121-I	BF198	light fitting	BF190-T/-F	BF195	prot. grid
BF 120	✓	✓	✓	✓	-	✓	✓	✓	✓	✓
BF 118	✓	✓	✓	✓	-	✓	✓	✓	-	✓
BF 220	✓	-	-	-	-	-	-	-	-	-
BF 225	✓	-	-	-	-	-	-	-	-	✓
BF 127	✓	-	-	✓	-	-	✓	✓	-	✓
BF 230	✓	✓	✓	✓	-	-	✓	✓	-	✓
BF 121	✓*	✓	-	✓	✓	-	✓	✓	-	✓
BF 1205	✓	✓	✓	✓	-	✓	✓	✓	✓	✓
BF 232	✓	✓	✓	✓	-	-	✓	✓	-	✓

all tank sight glass fittings are available with quartz glass for temperatures $> 300\text{ °C}$
 * with graphite sealing up to 280 °C , with quartz glass more than 300 °C

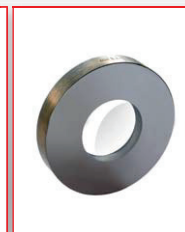
Strainers DIN / ANSI



type	BF 140	BF 141	BF 150	BF 155	BF 146	BF 148
description	Y-type	threaded connection	basket strainer	pot strainer	flat sieve	hat sieve
pressure	PN 16 - PN 40	PN 16 - PN 40	PN 6 - PN 40	PN 6 - PN 40	PN 16 - PN 40	PN 16 - PN 40
size	DN 15 - DN 250	G (BSP) 1/4" - 2"	DN 15 - DN 200	DN 50 - DN 400	DN 15 - DN 400	DN 15 - DN 400
materials	- GS-C 25 1.4408 1.4571		optional - carbon steel - other materials on request		- all strainers are available with welding ends - all strainers are available with ANSI-flanges	

NORIS Accessories

Sight Glass Plates



description	soda-lime glass	borosilicate glass	borosilicate, long, reflex	borosilicate, long, transparent	META glass	quartz glass
norm	DIN 8902	DIN 7080	DIN 7081	DIN 7081	DIN 7079	-
temperature	up to 150 °C	up to 280 °C	up to 280 °C	up to 280 °C	up to 280 °C	> 300 °C

Gaskets



available materials

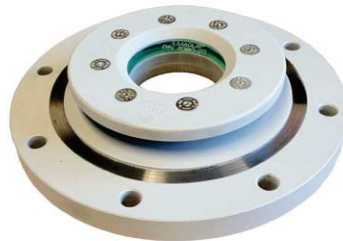
- aramid fibre
- graphite
- PTFE / GYLON® or similar
- Viton®
- silicone
- EPDM
- Perbunan®
- other materials available on request

description	gasket, round	gasket, long
size	see data sheet	see data sheet

Individual Manufacturing With Customers Specification



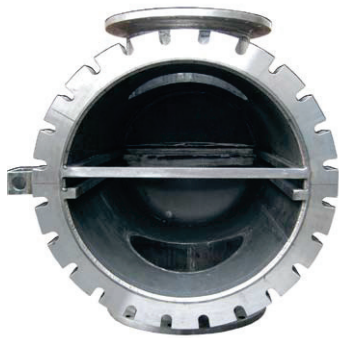
sight flow indicator with heating jacket



special tank sight glass fitting



outflow cone



pot strainer, DN 500



rectangular tank sight glass mounted in pipeline



tank sight glass with hinged radiation filter



inner lining: rubber or PFA



high-pressure design



high-pressure design with laser coupling

We manufacture all fittings individual according to your specifications and wishes as a special design.

Feel free to contact our experts for further information.

