



Flow indicators for pipelines
with flanged ends for bolting

Flow indicators

type: FF-VA

FB-VA

F-St



Sight flow indicator, series FB-VA,
type FB-VA 50



Sight flow indicator, series FB-VA,
type FB-VA 100

Application:

• VETROLUX® sight flow indicators are used for the observation of a flow of liquid in tubes and pipelines. Visibility may be considerably enhanced by combination with our proven light fittings for hazardous and safe areas. (Please see our respective leaflets).

Operating conditions:

- Nominal pressure: 10 bar (PN 10)
- PN 6 / PN 16: On request (only for series F-St)
- Vacuum
- Maximum temperature: 280 °C

Standard materials:

- Body material (series FF-VA/FB-VA):
DIN 1.4435(AISI 316L) / DIN 1.4404(AISI 316L)
(up to DN 100)
1.4571 (AISI 316 Ti) (from DN 125)
- Loose connecting flange, PN 10, to DIN 2642 (series FB-VA):
Galvanized RSt 37-2
- Body material and welded connecting flanges to DIN 2576,PN10 (series F-St):
Carbon steel RSt 37-2
- Flanges PN10, to DIN 2576 (series FF-VA):
DIN 1.4571 (=AISI 316 Ti)
- Cover flanges:
Galvanised RSt 37-2 / C 22.8 (FB-VA/F-St)
Stainless steel (FF-VA)
- Bolts:
Galvanised socket head screws to DIN 912,
8.8 (FB-VA / F-St)
A4-70 (FF-VA)
- Glass discs:
Borosilicate glass to DIN 7080 (Standard)
Sodium silicate glass to DIN 8902 (Option)
- Gasket product side:
Graphite
- Gasket cover side:
KLINGERSil C4400
- Other materials are available on request.

Options:

- Security version with double glazing.
- Version without "drop-nose" for hygienic applications.
- With turbine.
- With flap.

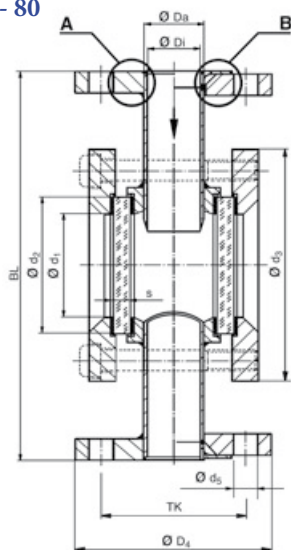
Remarks:

- When enquiring or ordering please always state the nominal pressure (PN) required.

Ordering example:

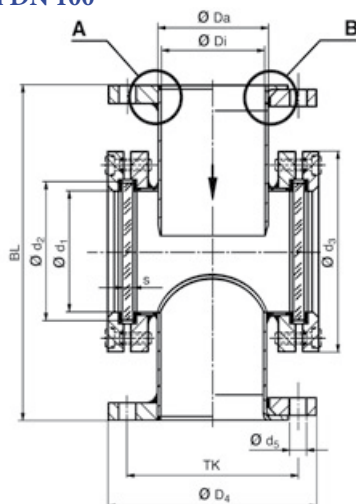
- 1 piece VETROLUX® sight flow indicator with flanged ends, body in stainless steel 1.4435 (= AISI 316 L), nominal pressure 10 bar (PN 10), nominal diameter (DN) 80:
- 1 piece FF-VA 80-316 L-10-Graphite-KLINGERSil C4400

DN 15 - 80



A= Version F-St/FF-VA
B= Version FB-VA

from DN 100



A= Version F-St/FF-VA
B= Version FB-VA

Type	DN	BL (DIN F1)	Ø D4	TK	Ø d5	Ø Da	Ø Di	Ø d3	Ø d1	number and size of bolts	Ø d2	s
FF-VA FB-VA	15	15	130	95	14	21,3	18,1	110	32	4 x M8	45	10
F-St	15						16,0					
FF-VA FB-VA	20	20	150	105	14	26,9	23,7	110	48	4xM10	63	10
F-St	20						21,6					
FF-VA FB-VA	25	25	160	115	14	33,7	29,7	135	48	4xM10	63	10
F-St	25						27,2					
FF-VA FB-VA	32	32	180	140	18	42,4	38,4	135	65	4xM10	80	12
F-St	32						35,9					
FF-VA FB-VA	40	40	200	150	18	48,3	44,3	135	65	4xM12	80	12
F-St	40						41,8					
FF-VA FB-VA	50	50	230	165	18	60,3	55,1	150	80	4xM12	100	15
F-St	50						53,0					
FF-VA FB-VA	65	65	290	185	18	76,1	70,9	150	80	4xM12	100	15
F-St	65						70,3					
FF-VA FB-VA	80	80	310	200	18	88,9	83,7	185	100	4xM12	125	15
F-St	80						82,5					
FF-VA FB-VA	100	100	350	220	18	114,3	107,9	210	125	8xM12	150	20
F-St	100						107,1					
FF-VA FB-VA	125	125	400	250	18	139,7	133,3	240	150	8xM12	175	20
F-St	125						131,7					
FF-VA FB-VA	150	150	480	285	22	168,3	161,9	275	175	8xM16	200	25
F-St	150						159,3					

Do you wish for more information about our wide range of light fittings for use in hazardous or safe areas, about our range of circular sightglasses to DIN 28120/28121, screwed sightglasses similar to DIN 11851, rectangular or D-ended sightglasses, pipeline flow indicators, sideways or centrally operated wipers, hinged sightglasses, spraying devices or our complete sight and lightglass units VETROLUX®? Are you interested in other types, special versions or different protection degrees? If yes, please contact us – it is our business! You will find the necessary indications about our company on the Internet.

1) All dimensions in mm.

2) Subject to changes without preliminary notice.