

Flow indicators for pipelines with flanged ends for bolting

Series FF-VA / FB-VA in stainless steel

Series F-St in carbon steel



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 / 16: On request (only for series F-St)
 Vacuum
 Maximum temperature: 280 °C

Standard materials:

Body material: 1.4435 (= AISI 316 L) / 1.4404 (= AISI 316 L)
 (series FF-VA / FB-VA) (up to DN 100)
 1.4571 (= AISI 316 Ti) (from DN 125)

Loose connecting flanges, PN 10, to DIN 2642: Galvanised RSt 37-2
 (series FB-VA)

Body material and welded connecting flanges to DIN 2576, PN 10: Carbon steel RSt 37-2
 (Series F-St)

Flanges, PN 10 (to DIN 2576): 1.4571 (= AISI 316 Ti)
 (series FF-VA)

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)

Gaskets product side: Graphite
 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.

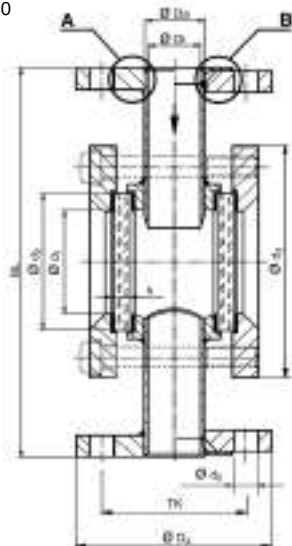
Ordering example:

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

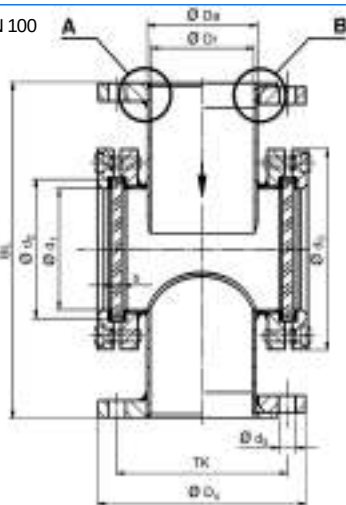
Type selection table Dimensions

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 D ₄	TK	ø d ₅	ø D _a	ø D _i	ø d ₃	ø d ₁	number and size of bolts	ø d ₂	s
FF-VA FB-VA	15	15	130	95	65	21,3	18,1	70	32	4 x M8	45	10
F-St	15						16,0					
FF-VA FB-VA	20	20	150	105	75	26,9	23,7	110	48	4 x M10	63	10
F-St	20						21,6					
FF-VA FB-VA	25	25	160	115	85	33,7	29,7	135	48	4 x M10	63	10
F-St	25						27,2					
FF-VA FB-VA	32	32	180	140	100	42,4	38,4	135	65	4 x M10	80	12
F-St	32						35,9					
FF-VA FB-VA	40	40	200	150	110	48,3	44,3	135	65	4 x M12	80	12
F-St	40						41,8					
FF-VA FB-VA	50	50	230	165	125	60,3	55,1	150	80	4 x M12	100	15
F-St	50						53,0					
FF-VA FB-VA	65	65	290	185	145	76,1	70,9	150	80	4 x M12	100	15
F-St	65						70,3					
FF-VA FB-VA	80	80	310	200	160	88,9	83,7	185	100	4 x M12	125	15
F-St	80						82,5					
FF-VA FB-VA	100	100	350	220	180	114,3	107,9	210	125	8 x M12	150	20
F-St	100						107,1					
FF-VA FB-VA	125	125	400	250	210	139,7	133,3	240	150	8 x M12	175	20
F-St	125						131,7					
FF-VA FB-VA	150	150	480	285	240	168,3	161,9	275	175	8 x M16	200	25
F-St	150						159,3					
FF-VA FB-VA	200	200	600	340	295	219,1	212,7	340	225	8 x M16	250	30
F-St	200						207,3					

Branch office / exclusive agent:

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 light-glass units VETROLUX®? Are you interested in other types, special versions or different protection degrees? If yes, please contact us, our branch office or our local agents – it is our business! You will find the necessary indications about our sales network on the Internet.

All dimensions in mm. Subject to changes without preliminary notice.



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