NORIS Sight glass device Series: 881 Type: 3881 Cast iron Internal thread (BSPP) PN16

Cast iron sight glass with threaded connection, pressure class PN16.

Characteristics

Series: 881
Type: 3881
Norm: EN (DIN)
Housing material: Cast iron
Material quality: EN-JL1040
Surface protection: Manufacturer standard
Connection: Internal thread (BSPP)
Standard thread connection: ISO 228-1
Flange finish: Raised face
Face to Face norm: Manufacturer standard
Material cover: EN-JL1040
Material cover gasket: Graphite
Material flow indicator: Stainless steel
Maximum pressure difference at 20 °C: 16 bar

Application

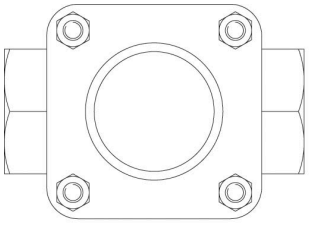
- Visual control of flow in pipelines with neutral media.
- General industry.

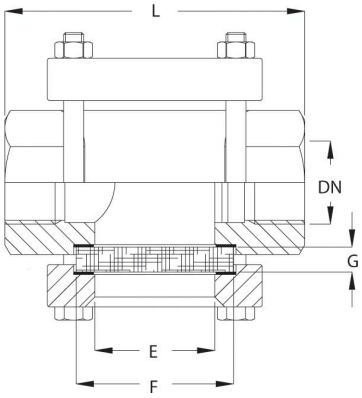
Technical Information

- Please be advised to check the torques of the bolting, both before before commissioning as well after the 1st heat cycle of the installation, due to possible occurrance of relaxation (manual on request)
- Maximum temperature of soda-lime glass (DIN 8902): 150°C.
- Maximum temperature of borosilicate glass (DIN 7080): 280°C.
- Thickness of the glass partly determines the pressure class.
- Suitable for mounting in horizontal and vertical pipes.
- Pay attention to flow direction because of the operation of flow indicator.

Options

- Available with lighting.
- Available with plastic or PTFE spinner.





Size table:

DN	L	E	F	G	Weight
	mm	mm	mm	mm	kg
1/4" [8]	100	32	45	10	2.2
3/8" [10]	100	32	45	10	2.2
1/2" [15]	100	32	45	10	2.2
3/4" [20]	120	48	63	10	3.5
1" [25]	120	48	63	10	3.5
1.1/4" [32]	160	65	80	12	7
1.1/2" [40]	160	65	80	12	7
2" [50]	180	80	100	15	10

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Nominal inner diameter	Pressure rating	Face to Face length	Type of flow indicator	Glass diameter	Glass thickness	Number of glasses	Material glass	Minimum medium temperature (continuous)	Maximum medium temperature (continuous)	Article
		mm		mm	mm			°C	°C	
1/4" (8)	PN16	100	Driptube	45	10	2	Soda lime	-10	150	11813437
1/4" (8)	PN16	100	Vane	45	10	2	Soda lime	-10	150	13449712
3/8" (10)	PN16	100	Driptube	45	10	2	Borosilicate	-10	280	13449724
3/8" (10)	PN16	100	Vane	45	10	2	Soda lime	-10	150	14583593
1/2" (15)	PN16	100	Driptube	45	10	2	Borosilicate	-10	280	13485377
1/2" (15)	PN16	100	Driptube	45	10	2	Soda lime	-10	150	11813434
1/2" (15)	PN16	100	Vane	45	10	2	Soda lime	-10	150	11815514
3/4" (20)	PN16	120	Driptube	63	10	2	Soda lime	-10	150	11813435
3/4" (20)	PN16	120	Vane	63	10	2	Soda lime	-10	150	11815515
1" (25)	PN16	120	Driptube	63	10	2	Soda lime	-10	150	11813432
1" (25)	PN16	120	Vane	63	10	2	Soda lime	-10	150	11815512
1.1/4" (32)	PN16	160	Driptube	80	12	2	Soda lime	-10	150	13449723
1.1/4" (32)	PN16	160	Vane	80	12	2	Soda lime	-10	150	11815517
1.1/2" (40)	PN16	160	Driptube	80	12	2	Soda lime	-10	150	11813436
1.1/2" (40)	PN16	160	Vane	80	12	2	Soda lime	-10	150	11815516
2" (50)	PN16	180	Driptube	100	15	2	Soda lime	-10	150	11813433
2" (50)	PN16	180	Vane	100	15	2	Soda lime	-10	150	11815513

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