

SKB2 TYPE STAINLESS STEEL SIGHT WITH PN16 FLANGES

FEATURES

The SKB2 PN16 sight glass is dedicated to the direct visual control of fluid flow in the pipes. Its stainless steel construction makes it suitable for applications in chemical processes fluid flow and its double-window construction with a moving flapper permits to have a better visual control of the flow. This sight glass complies with the EC and ATEX standards.

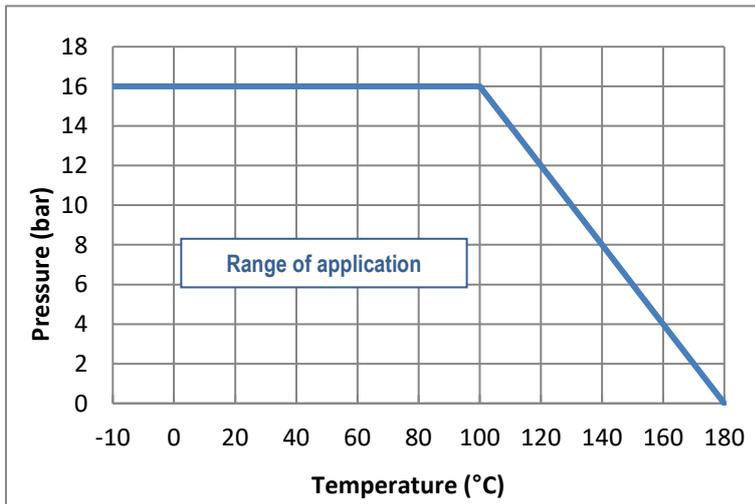
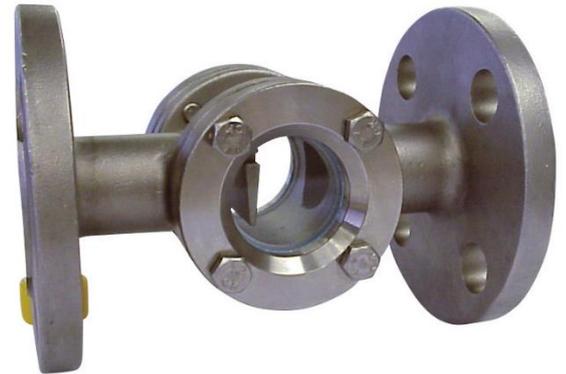
AVAILABLE MODELS

DN 15 to DN 150
EN12092-1 PN 16 flanged connections.



LIMITS OF USE

Max allowable pressure : PS	16 bar
Fluid temperature : WT°	-20°C / +180°C
Ambiant temperature	-20°C / +60°C



DIRECTIVES AND MANUFACTURING STANDARD

OBJET	Standard	ON	OBJET	Standard
Pressure Equipment 2014/68/EC	<u>DN 15 to 25</u> : excluded		Body size	EN 12516-1
	<u>DN 32 to 50</u> : category I	TÜV 0035	Material certificate	EN 10204 § 3.1
	<u>DN 65 to 150</u> : category II		Face-to-face dimensions	EN 558-1- series 1
Alloy grade	EN 1503-1		Ambiant temperature -20°C / +60°C	Category II 2 G D TX
ATEX Directive	EN 13463-1	SIRA 0518		

Information given as an indication only, and subject to possible modification



SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER – FRA NCE
Tél : +33 4 74 94 90 70 - Fax : +33 4 74 94 13 95
www.sectoriel.com / Email : sectoriel@sectoriel.fr

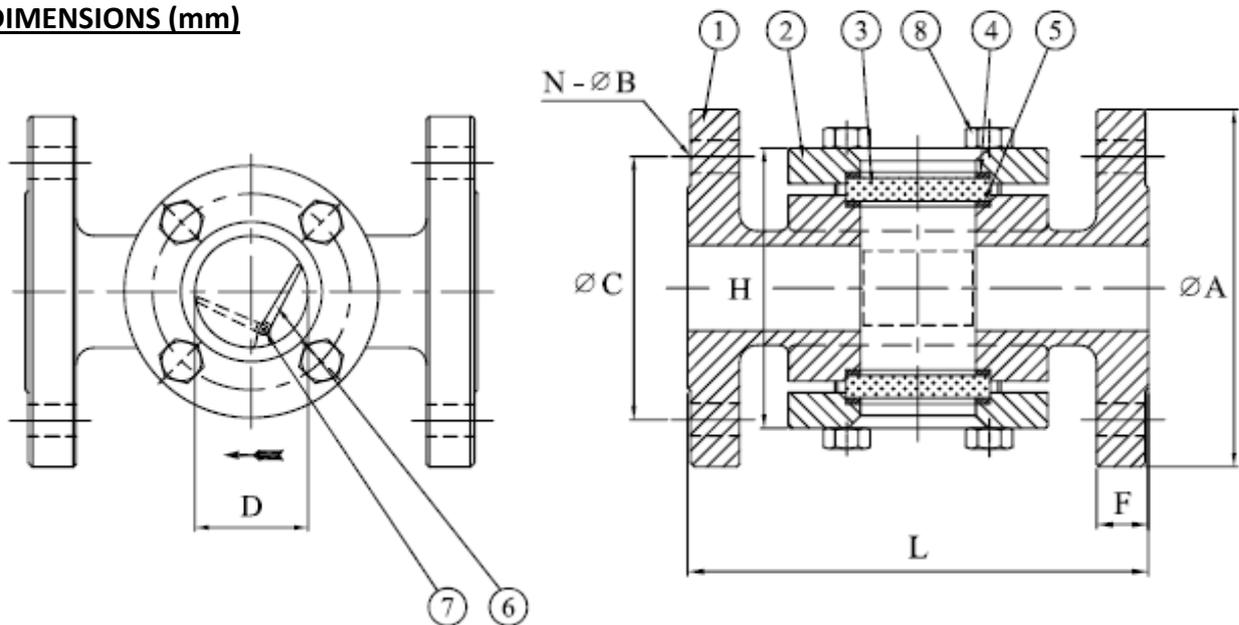
Pages	1/3
Ref.	FT2245 ENG
Rev.	11
Date	05/2025

SKB2 TYPE STAINLESS STEEL SIGHT WITH PN16 FLANGES

CONSTRUCTION

No.	Name	Quantity	Material
1	Body	1	Stainless steel A351 CF8M / 1.4408
2	Caps	2	Stainless steel A351 CF8M / 1.4408
3	Glass	2	Tempered glass
4	Flat gasket	2	PTFE
5	Flat gasket	2	PTFE
6	Flapper	1	Stainless steel A351 CF8M / 1.4408
7	Stem	1	Stainless steel AISI 304
8	Screw	8	Stainless steel AISI 304

DIMENSIONS (mm)



DN	15	20	25	32	40	50	65	80	100	125	150
A	95	105	115	140	150	165	185	200	220	250	285
N - Ø B	4 - 14	4 - 14	4 - 14	4 - 19	4 - 19	4 - 19	4 - 19	4 - 19	8 - 19	8 - 19	8 - 23
Ø C	65	75	85	100	110	125	145	160	180	210	240
D	40	40	40	50	50	50	85	85	110	130	145
F	14	16	16	16	16	18	18	20	20	22	22
H	79	85	85	111	119	131	157	167	195	225	247
L	130	150	160	180	200	230	290	310	350	400	480
Weight (kg)	2.3	3.2	3.7	6.2	7.12	8.4	17	18.7	23.7	34	52

Information given as an indication only, and subject to possible modification

	SECTORIEL S.A. 45 rue du Ruisseau 38290 SAINT QUENTIN-FALLAVIER – FRA NCE Tél : +33 4 74 94 90 70 - Fax : +33 4 74 94 13 95 www.sectoriel.com / Email : sectoriel@sectoriel.fr	Pages	2/3
		Ref.	FT2245 ENG
		Rev.	11
		Date	05/2025

SKB2 TYPE STAINLESS STEEL SIGHT WITH PN16 FLANGES

MOUNTING AND MAINTENANCE

- The sight glass can be installed in any position. In vertical position with flow down, the flapper will not function.
- Downstream from the steam trap, please keep a 1 meter distance between the steam trap and the sight glass in order to prevent from thermal shock on the glass. Avant toute installation, sectionner la tuyauterie en amont et en aval.
- Please shut off the up and downstream pipes before installation.
- Please wait for its cooling to room temperature.
- Wear the necessary safety equipment for this type of intervention (gloves and glasses).
- Remove the cover and glass.
- Clean the internal parts.
- Check the glass condition in order to detect any possible corrosion or erosion mechanism and replace it if necessary.
- Screw the sight glass flanges on the pipes flanges using the appropriate gaskets, bolts and nuts.
- Position the device so that glasses can be easily checked by operators.
- Put the device back to operation.

ATEX ZONE USE

The SKB2 sight glass complies with the EC-ATEX Directive and is certified for use in explosive zones. It can be installed in zones 1, 2, 21 and 22.



SPARE PARTS

It is a kit including 1 glass and 2 gaskets.

DN	Ø glass (mm)	Thickness (mm)	Reference
15-20-25	50	10	981077A
32-40-50	63	10	981078A
65-80	100	12	981079A
100	130	15	981080A
125	150	19	981082A
150	180	19	981082A

Information given as an indication only, and subject to possible modification

	SECTORIEL S.A. 45 rue du Ruisseau 38290 SAINT QUENTIN-FALLAVIER – FRA NCE Tél : +33 4 74 94 90 70 - Fax : +33 4 74 94 13 95 www.sectoriel.com / Email : sectoriel@sectoriel.fr	Pages	3/3
		Ref.	FT2245 ENG
		Rev.	11
		Date	05/2025