



Sight glass Type: 2188 Steel PN16

Carbon steel, rectangular weld-in or weld-on sight glass with borosilicate glass, pressure class PN16.

Characteristics

Type: 2188

Norm: EN (DIN)

Housing material: Steel

Material quality: St 37.2 [1.0037]

Material cover: EN-JL1040

Application

- General industry.
- Neutral media.
- Steam, hot or cold water, oil, etc.
- For control of the product level in a vessel, silo or boiler.

Technical Information

- Borosilicate glass according to DIN 7081.
- The sight glass with length 500 and 740 consists of 2 parts and contains 2 glasses.
- The sight glass with length 930 consists of 3 parts and contains 3 glasses.
- We recommend checking the bottom flange for any deformations after welding.
- When using in steam, we recommend using a MICA plate to protect the glass.

L	B	h1	h2	H1	H2	b	S	Number of glasses
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
170	70	20	20	120	140	34	17	1
220	70	20	20	170	190	34	17	1
250	70	20	20	200	220	34	17	1
310	70	20	20	260	280	34	17	1
370	70	20	20	320	340	34	17	1
500	70	20	20	200	220	34	17	2
620	70	20	20	260	280	34	17	2
740	70	20	20	320	340	34	17	2
930	70	20	20	260	280	34	17	3

Pressure rating	Glass thickness	Glass length	Number of glasses	Length housing	Material glass	Minimum medium temperature [continuous]	Maximum medium temperature [continuous]	Maximum pressure difference at 20 °C	Article
	mm	mm		mm		°C	°C	bar	
PN16	17	140	1	170	Borosilicate	-10	243	16	10057978
PN16	17	190	1	220	Borosilicate	-10	243	16	14279686
PN16	17	220	1	250	Borosilicate	-10	243	16	14279687
PN16	17	280	1	310	Borosilicate	-10	243	16	14279688
PN16	17	340	1	370	Borosilicate	-10	243	16	10057982
PN16	17	220	2	500	Borosilicate	-10	243	16	10057983
PN16	17	280	2	620	Borosilicate	-10	243	16	14279689
PN16	17	340	2	740	Borosilicate	-10	243	16	10057985
PN16	17	280	3	930	Borosilicate	-10	243	16	14284226

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