

DOUBLE WINDOW SIGHT GLASSES DW12



DESCRIPTION

The ADCA DW12 is a series of double window sight glasses specially designed for installation downstream of steam traps, to monitor their performance such as checking for live steam leakage or blockage. Such devices can also be used for monitoring flow conditions in other applications, particularly in pipelines with liquid medium.

MAIN FEATURES

Compact and cost-effective.
Double window design.
Borosilicate glass.

OPTIONS: Mica shield discs for use with steam.

USE: Condensate lines and others (see "Body limiting conditions" table).

AVAILABLE MODELS: DW12G – cast iron.
DW12SS – stainless steel.

SIZES: DN 15 to DN 150.

CONNECTIONS: Flanged EN 1092-1/-2 PN 16.

INSTALLATION: Horizontal or vertical installation.
See IMI – Installation and maintenance instructions.



CE MARKING – GROUP 2 (PED – European Directive)

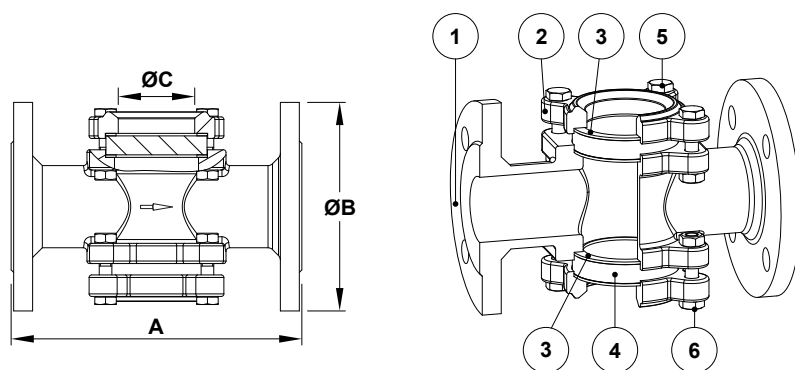
PN 16	Category
DN 15 to 50	SEP
DN 65 to 150	1 (CE Marked)

BODY LIMITING CONDITIONS

DW12G *		DW12SS	
ALLOW. PRESSURE	RELATED TEMP.	ALLOW. PRESSURE	RELATED TEMP.
16 bar	-10 / 120 °C	16 bar	-10 / 50 °C
14,4 bar	150 °C	14,5 bar	150 °C
12,8 bar	200 °C	13,4 bar	200 °C
11,8 bar	230 °C	12,9 bar	230 °C
10,5 bar	280 °C	12,2 bar	280 °C

For applications with steam, use mica shield discs.

* Warning: The eventual use with steam/gas should be analyzed in accordance with the local applicable legislation, and always ensuring that there is no risk of water hammer.



MATERIALS

POS. N°	DESIGNATION	DW12G	DW12SS
1	Body	GJL-250 / 0.6025	A351 CF8M / 1.4408
2	Cover	GJL-250 / 0.6025	A351 CF8M / 1.4408
3	* Gasket	St. steel / Graphite	St. steel / Graphite
4	* Glass window	Borosilicate glass	Borosilicate glass
5	Bolt	Steel 8.8	Stainless steel A2-70
6	Nut	Steel 8.8	Stainless steel A2-70

* Available spare parts.

DIMENSIONS (mm)

SIZE	A	ØB	ØC	DW12G	DW12SS
				WEIGHT (kg)	
DN 15	130	95	44	3	3
DN 20	150	105	44	3,5	4
DN 25	160	115	44	4	5
DN 32	180	140	50	6	6,5
DN 40	200	150	50	6,5	7,3
DN 50	230	165	60	9	10,5
DN 65	290	185	90	17	17
DN 80	310	200	90	18	20
DN 100	350	220	110	23	26,5
DN 125	400	250	142	50	52
DN 150	480	285	160	63	68