

WINDOW SIGHT GLASS DW40S

DESCRIPTION

For monitoring the right operation of a steam trap, in order to avoid leakages of live steam and, consequently, great energy losses, a sight glass is recommended to be installed downstream of the steam trap. The double window DW40 sight glasses have been designed for this particular application.

- OPTIONS:** Mica shield discs for use with steam.
- USE:** Condensate pipes, downstream of the steam traps.
- AVAILABLE MODELS:** DW40S – carbon steel.
- SIZES:** 1/2" to 2"; DN 15 to DN 50.
- CONNECTIONS:** Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-1 PN 40.
Flanged ASME B16.5 Class 150 or 300.
- INSTALLATION:** Horizontal or vertical installation.
See IMI – Installation and maintenance instructions.



1/2" to 1"



1 1/4" to 2"



DN 15 to DN 25



DN 32 to DN 50

BODY LIMITING CONDITIONS

PN 40 / CLASS 300 *	PN 25 *	CLASS 150 **	RELATED TEMPERATURE
ALLOWABLE PRESSURE	ALLOWABLE PRESSURE	ALLOWABLE PRESSURE	
40 bar	25 bar	19,3 bar	-10 / 50 °C
37,1 bar	23,2 bar	17,7 bar	100 °C
35,2 bar	22 bar	15,8 bar	150 °C
33,3 bar	20,8 bar	14 bar	200 °C
28,7 bar	17,9 bar	11,7 bar	280 °C

* According to EN 1092-1:2018; ** According to EN 1759-1:2004.

Remarks: For applications with steam, use mica shield discs;
Rating PN 40 for sizes up to DN 25; Rating PN 25 for sizes from DN 32 to DN 50;
Rating PN 40 or lower for threaded versions.

CE MARKING – GROUP 2 (PED – European Directive)

PN 40 / CLASS 300	PN 25	CLASS 150	Category
1/2" to 1" – DN 15 to DN 25	1 1/4" to 1 1/2" – DN 32 to DN 40	1/2" to 2"	SEP
–	2" – DN 50	–	1 (CE Marked)



DIMENSIONS (mm)						
THREADED					PN 40 *	
SIZE	A	B	C	WEIGHT (kg)	D	WEIGHT (kg)
1/2" – DN 15	90	80	60	1,25	150	2,8
3/4" – DN 20	90	80	60	1,25	150	3,4
1" – DN 25	100	87	65	2,1	160	4,7
1 1/4" – DN 32	130	115	114	6,2	180	9,5
1 1/2" – DN 40	130	115	114	6,5	200	10,5
2" – DN 50	130	125	114	7,5	230	12,5

* Values refer to EN 1092-1 PN 40 flanged version. For ASME versions, consult manufacturer.

MATERIALS			
POS. N°	DESIGNATION	1/2" to 1" DN 15 to 25	1 1/4" to 2" DN 32 to DN 50
1	Body	P250GH / 1.0460	S355J2G3 / 1.0570 P250GH / 1.0460
2	Glass nut / flange	P250GH / 1.0460	S355J2G3 / 1.0570
3	* Gasket	Stainless steel / Graphite	Stainless steel / Graphite
4	* Window glass	Tempered borosilicate glass	Tempered borosilicate glass
5	Bolts	–	Steel 8.8

* Available spare parts.

