

C 158 BRASS SIGHT GLASS

FEATURES

The C 158 sight glass is designed for the visual inspection of flow for fluids inside piping. Made of brass, it is especially designed for low-pressure applications. Of single-window type, C 158 is also equipped with a movable ball for inspecting transparent fluids. The sight glass is exclusively mounted horizontally.

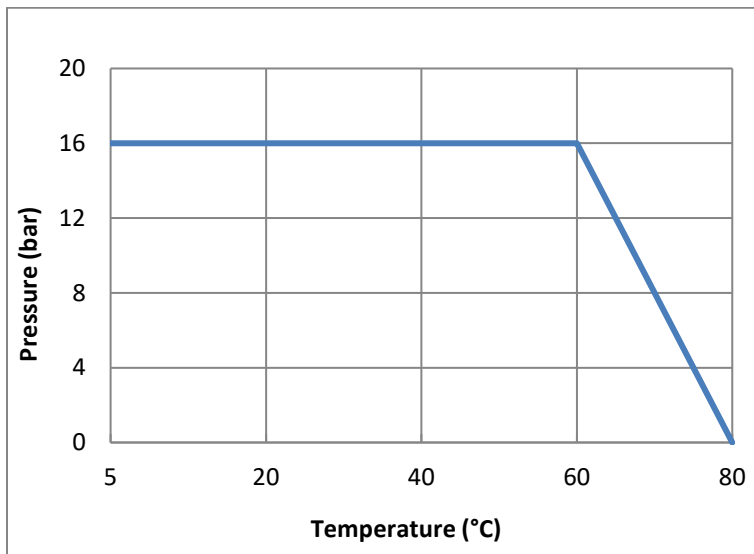
AVAILABLE MODELS

DN 15 to DN 25.
G threaded connection.



LIMITS OF USE

Fluid WP:	16 bar
Fluid WT° (standard ball):	+ 5 °C / + 80 °C
Fluid WT° (<u>Option</u> : PTFE ball)	+ 5 °C / + 120 °C



DIRECTIVES AND MANUFACTURING STANDARDS

OBJECT	Standard	ON	OBJECT	Standard
Pressure Equipment Directive 2014/68/EC	DN 15 and 20 : not subject		Brass grades	EN 1503-4
	DN 25 : category II	1115	Size	EN 12516-4
G thread	ISO 228		Final test	EN 12266

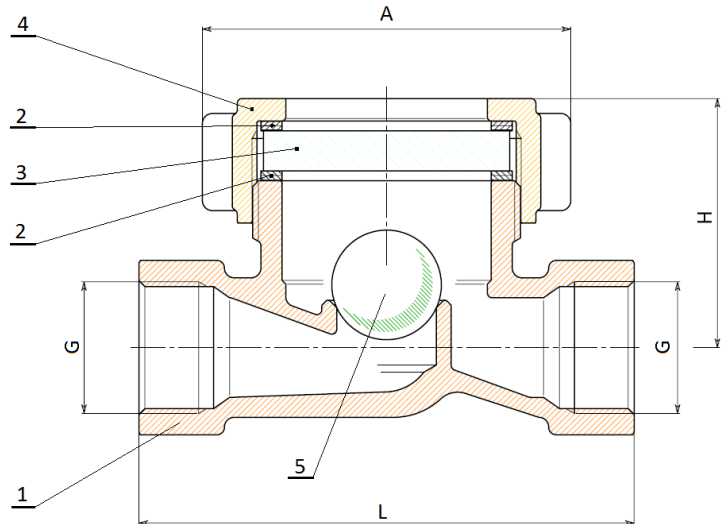
Information given as an indication only, and subject to possible modifications

	SECTORIEL S.A. 45 rue du Ruisseau 38290 SAINT QUENTIN-FALLAVIER – FRA NCE Telephone: +33 4 74 94 90 70 – Fax: +33 4 74 94 13 95 www.sectoriel.com / Email : sectoriel@sectoriel.fr	Pages	1/2
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DIMENSIONS (mm) AND CONNECTIONS

DN	15	20	25
A	74	74	74
H	47	50	54
L	97	100	103
G	1/2"	3/4"	1"
Weight (kg)	0.716	0.79	0.99



CONSTRUCTION

No.	Name	Qty	Material
1	Body	1	CB 754 S moulded brass
2	Window gasket	2	Fibre
3	Window	1	Toughened glass
4	Cover	1	CB 754 S moulded brass
5	Ball	1	Moplen

INSTALLATION

- 1 - Before any installation, cut-off the piping upstream and downstream.
- 2 - Depressurize and drain the piping.
- 3 - Wait for it to cool down to ambient temperature.
- 4 - Wear the safety equipment required for this type intervention (gloves and goggles).
- 5 - Exclusively horizontally mounted, the sight glass does not work when mounted vertically.

SERVICING

- 1 - Remove the cover, and then the window.
- 2 - Clean the internal parts.
- 3 - Check the state of the window, detect any beginning of corrosion or erosion, and replace it if needed.
- 4 - Screw the sight glass onto the piping using a suitable gasket.
- 5 - Position the device so as to make the windows visible to operators.
- 6 - Put the installation back in service.

SPARE PARTS

C158 kit (1 x window - 2 x Gaskets)				Ball	
DN	Ø	Ep (mm)	Code	Moplen	PTFE (Option)
15	49.3	9.8	981011	981008	981006
20	49.3	9.8		981009	981007
25	49.3	9.8			

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