

PRODUCT CATALOG · REVISION 17

Weld Pad Sight Glasses

MODEL OBWP

A welded viewing solution for process vessels, designed to support direct visual observation of the process.

STANDARD VIEW / PRESSURE RANGE

1-4 in. width · 6-24 in. length · up to
40 bar



A direct view into the process

A welded viewing port engineered for direct process observation.



PRODUCT PROPOSITION

Designed for direct visual monitoring of process media.

Weld Pad Sight Glasses comprise a weld pad, glass window, sealing gaskets, cover flange and threaded bolting. The viewing assembly is secured by studs and nuts; galvanised and PTFE-coated bolting options can be provided where required by the application. [1]

Final configuration, materials, dimensions, pressure rating and installation details are defined by approved order documentation and the vessel design.

MODEL

OBWP

STANDARD PRESSURE

UP TO 40 BAR

WINDOW WIDTH

1-4 IN.

WINDOW LENGTH

6-24 IN.

PRESSURE & APPLICATION GUIDANCE

The standard pressure range is up to 40 bar. For higher-pressure duty, please contact the Globe United applications team. Final pressure rating is subject to approved order data, materials, dimensions and operating conditions.

Construction, made legible

A technical sectional illustration of the confirmed component arrangement.

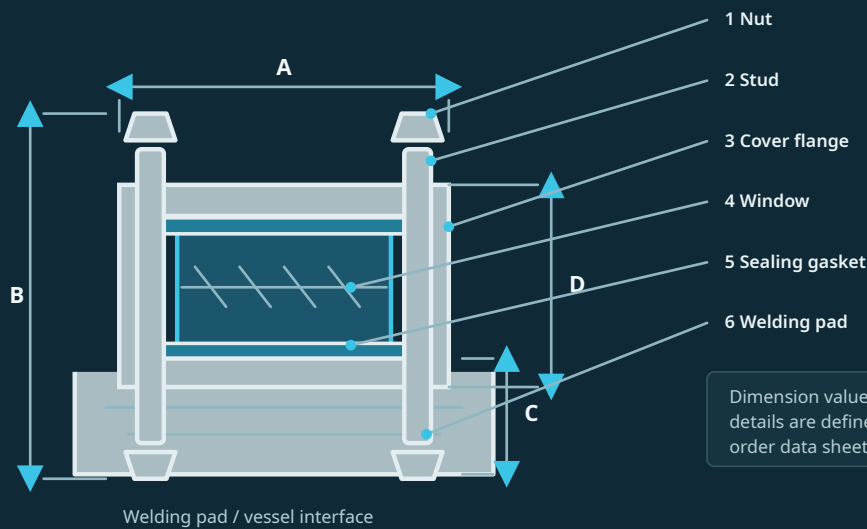
TECHNICAL PLATE / 01

MODEL OBWP

Sectional illustration

SECTIONAL ILLUSTRATION

Model OBWP · symbolic dimensions shown · not to scale



DIMENSION REFERENCE

A, B, C and D identify symbolic dimensional references. Final dimensions are defined by approved order data and the vessel design.

FABRICATION NOTE

The vessel fabricator must verify weld-pad reinforcement suitability for the intended application.

Material choices, made visible

Illustrative product photography alongside standard material information.



ILLUSTRATIVE PRODUCT DETAIL

MATERIALS CLARIFICATION

Available alloy options include carbon steel, SS316, 316L, Duplex, Super Duplex, 6Mo, Inconel 625 and Inconel 825. Galvanised and PTFE-coated fasteners can be provided. Final selection is subject to application review and approved order data.

CATEGORY		CATALOGUED MATERIALS
Available body alloys		Carbon steel; SS316; 316L; Duplex; Super Duplex; 6Mo; Inconel 625; Inconel 825
Standard materials	gasket	Silicone; rubber; PTFE; non-asbestos
Standard materials	window	Tempered borosilicate; quartz for elevated-temperature or thermal-shock service; acrylic

Standard component materials

NO.	PART	STANDARD MATERIALS LISTED
1	Nut	SA194 2H zinc-plated alloy steel; galvanised option
2	Stud	SA193 B7 zinc-plated alloy steel; B8; B8M Class 2 stainless steel
3	Cover flange	SA516-70; SA240 Type 304; Type 316
4	Window	Tempered borosilicate glass; mica; acrylic
5	Sealing gasket	EPDM; Viton; silicone rubber; PTFE
6	Welding pad	SA516-70; SA240; T304L; T316L

Defined around the vessel

Selection is defined by the required viewing envelope, pressure range and process conditions.



OPTIONS STATED IN THE SOURCE CATALOG

Available options include flat gasket seats, rounded inside corners for rubber lining, internal wash nozzles, outer safety shields, custom viewing sizes and special alloy selections. Galvanised and PTFE-coated bolting can also be provided. All options are subject to application review and approved order data.

ORDER-DATA CHECKLIST

Required viewing-window width and length.
Design pressure: standard up to 40 bar; higher pressure requires applications review.
Process medium, vessel material and reinforcement requirements.
Requested window, gasket, body alloy and fastener/coating options.
Lining, wash-nozzle, safety-shield or custom-view requirements.
Approved drawings, standards and project documentation.

SAFE SERVICE NOTE

Before inspection, servicing or replacement, follow approved operating procedures, vessel-isolation requirements and project safety controls. The ordered unit's documentation governs the installed configuration.

GLOBE UNITED FZE

Application support for informed selection.

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Model OBWP

Weld Pad Sight Glasses

COMPANY ADDRESST5-41, Sharjah Airport International Free
Zone, Sharjah, United Arab Emirates**CATALOG CONTROL**

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Revision	17 · 19 August 2026
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[1] Globe United, "Weld Pad Sight Glasses — Model OBWP," supplied source catalog, March 2022; supplemental configuration guidance supplied by Globe United.

IMPORTANT NOTICE

This catalog is intended for product-selection guidance. The standard pressure range is up to 40 bar; contact the Globe United applications team for higher-pressure duty. Final configuration, materials, dimensions, operating limits and accessories are governed by approved order data, applicable drawings and the product nameplate.