



SJ DIHO



**CONNECTION
WITH
HOMOGENIZER
SEAL**



Diaphragm Seal for Homogenizer Machine

Model: DIHO

Product Description

- Available with process connections in various designs, fitting with all common measuring points
- Designed to prevent aggressive or contaminating medium from entering a conventional pressure gauge
- Widely used on homogenizers such as those found in sanitary applications, production of cosmetics and creams, dairies, and the pharmaceutical industry



Fig. left: Homogenizer seal type
Fig. right: Fishtail seal type

Product Specification

Type

Homogenizer seal, fishtail seal

Instrument connection

1/4", 3/8", 1/2"

PT, G, NPT, M

Scale ranges

0 ... 100 bar to 0 ... 1000 bar
or all other equivalent pressure ranges

Material

Body: 304 SS, 316 SS, 316L SS

Diaphragm: 316L SS

Medium temperature

-35°C ... 260°C

Accessories (Options)

Retainer flange (mounting block or sealing block)

Dimensions

Homogenizer seal type

Technical drawing of a Homogenizer seal type, showing a cross-section of the seal assembly. The drawing includes the following dimensions:

- Outer diameter: $\phi 33$
- Inner diameter: $\phi 23.5$
- Seal thickness: 13.5
- Seal lip thickness: 8
- Seal lip width: 18
- Seal lip outer diameter: $\phi 22$
- Seal lip height: 60

Unit: mm

Unit: mm

Fishtail seal type

Technical drawing of a Fishtail seal type. The drawing shows a cross-section of the seal with dimensions: outer diameter $\phi 22$, inner diameter $\phi 21$, and overall diameter $\phi 33$. The seal has a height of 60 mm and a total height of 71 mm. A detail view shows a cross-section of the seal with a height of 8 mm and a width of 18 mm.

Unit: mm

Unit: mm

Retainer flange (mounting block or sealing block)

The technical drawing shows two views of a Retainer flange. The front view (left) is a rectangular block with a total width of 95 and a height of 28. It features a central rectangular cutout with a width of 60.5 and a height of 17.5. The cutout is flanked by two shaded regions, each with a width of 17.5. The top surface of the block has a central circular feature with a diameter of $\varnothing 23$. The side view (right) shows the block's profile with a height of 42 and a width of 95. It features three circular features: a central large circle with a diameter of $\varnothing 23$ and two smaller circles on either side, each with a diameter of $\varnothing 10$.

Unit: mm

Unit: mm

※ **Ordering information**

Model / Type / Material / Connection location of pressure gauge / Nominal size / Scale range / Options

For any changes to the specifications of this catalogue, the latest version shall prevail.



SIN JIA ENTERPRISE COMPANY LIMITED

TEL:+886-2-2550-4512

info@sinjiagauge.com

www.sj-gauge.com

No.3, Ln. 71, Chifeng St., Datong Dist., Taipei City 103017, Taiwan

4ManPro

*Elements For
Manufacturing Processes*



4ManPro
Mexico Branch Office

Elements For Manufacturing Processes

MEXICO BRANCH OFFICE

Roberto Diaz No. 401
Ciudad Industrial
Aguascalientes, Ags.
México
20290

4ManPro@4ManPro.com
(449) 171 3420
www.4ManPro.com/SPA/



USA BRANCH OFFICE

Pennzoil Place
700 Milam
Suite 1300
Houston, Tx, USA
77002

4ManPro-USA@4ManPro.com
+1 (832) 871 5022
www.4ManPro.com/ENG/

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