

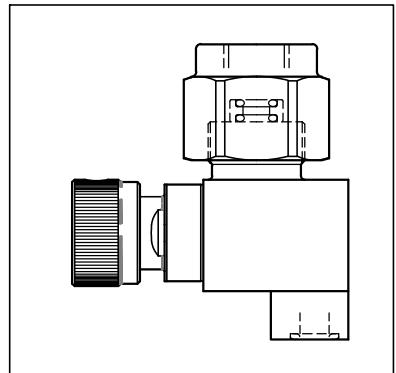
Description

Gauge Isolator valves, 1GIMS are meant for applications where a pressure gauge is connected to a pressure line and needs to be isolated when not in use.

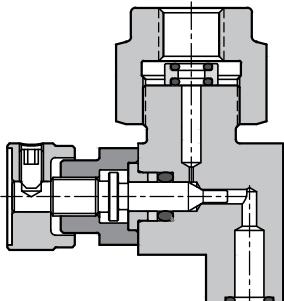
These can be mounted on a hydraulic manifold.

These Isolator valves offer following advantages,

- Simple machining of the interface,
- Quick assembly,
- Ease of axial orientation of the Pressure gauge face for proper alignment.
- Compact and elegant assembly,
- Easy readability of the gauge.



Section



Hydraulic Symbol

Sub-plate Mounting, Model: 1GIMS

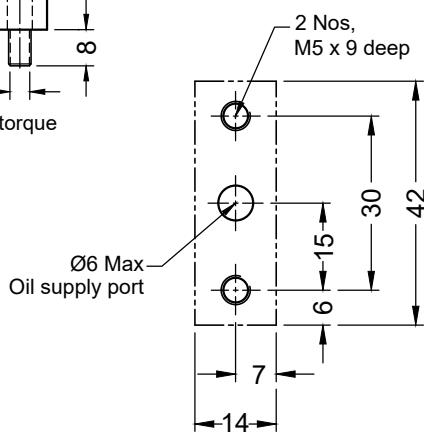
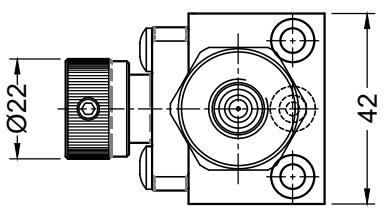
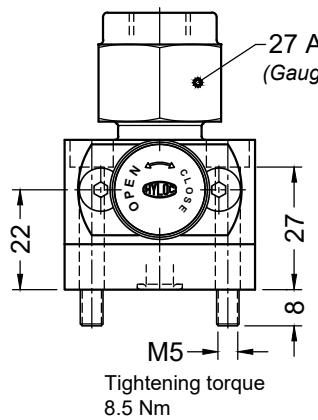
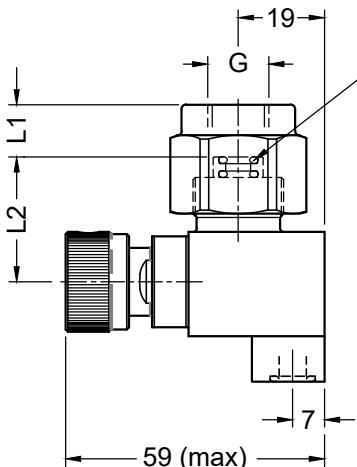
Unit Dimensions

Gauge Isolator Valve, Sub-plate Mounting, Model: **1GIMS**

Dimensions in mm.



| G | G 1/4 | G 3/8 | G 1/2 |
|----|-------|-------|-------|
| L1 | 11.5 | 11.5 | 12.5 |
| L2 | 27.5 | 27.5 | 28.5 |



Mounting screws are not in scope of supply

Mounting Interface



The right connection
The right environment

Pressure Gauge Isolator Valve 1GIMS

Ref. No. H14651

Release: Apr 2025

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Technical Specifications

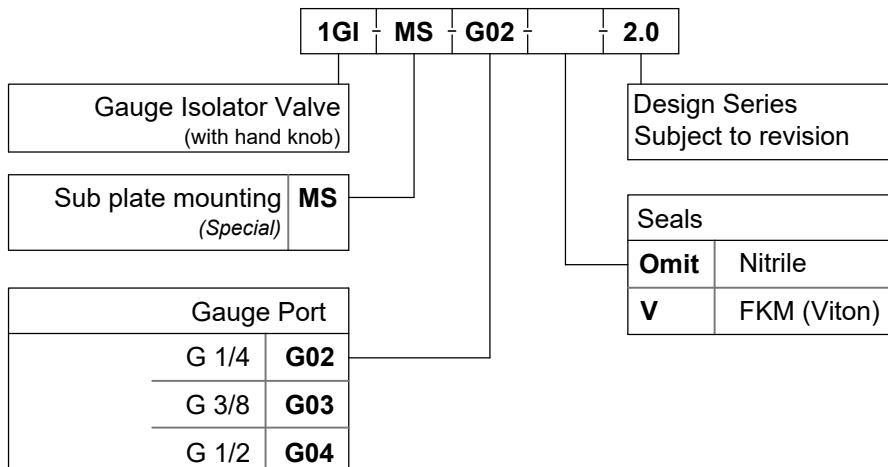
| | |
|-------------------------------|--------------------------|
| Construction | Seat type |
| Mounting | Sub-plate mounted |
| Interface standard | Factory standard. |
| Mounting position | Optional |
| Operating pressure | 350 bar. |
| Hydraulic medium | Mineral oil. |
| Fluid temperature range | -20 °C to +70 °C. |
| Fluid cleanliness requirement | As per ISO 4406 20/18/15 |

Instructions for Pressure Gauge assembly

How to orient and tighten the gauge face to the desired position?

- Screw in the *Gauge holding Nut* onto the valve till its bottom face of it touches the face of the valve body.
- Insert the sealing ring provided with the valve, from the top of the nut.
- Screw in the gauge into the *Gauge Holding Nut* till its sealing face touches the sealing ring.
- Loosen the gauge (if required) by rotating it in anti-clockwise direction till the face of the gauge points towards desired position.
- Mount the Gauge Isolating Valve on to the sub-plate or panel.
- Rotate the Gauge Holding Nut by means of a spanner in anti-clockwise direction to tighten the gauge onto the sealing ring.
- While rotating the nut, hold the gauge to its proper orientation.

Ordering Code



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Subject to change without notice.

Due to continuous improvement in the design of the product, the actual product supplied may look different than shown above.