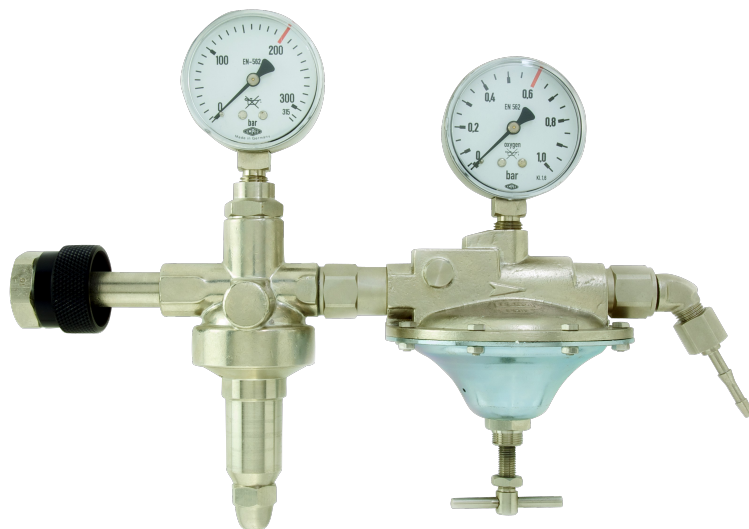


Cylinder pressure regulator VDS-FHR3 / VDS-FHR4

- dual stage for mbar operating pressures in brass, or nickel plated



Description:

Dual stage precision regulator with a large diaphragm for mbar applications integrated into the second stage (FHR). For non corrosive gases up to 5.0 purity.

Application area:

Especially for mbar applications:

- Laboratories and Industries
- Science and research
- Instrumentation
- Glass- and lamb industries
- Process engineering.

Technical Details:

| | |
|-------------------------|--|
| Body: | brass or brass, nickel plated |
| Seat: | 3mm or 4 mm |
| Gaskets: | NBR |
| Diaphragm: | NBR |
| Max. inlet pressure: | 300 bar |
| Outlet pressure ranges: | ca. 10 mbar – 1 bar |
| Operating temp.: | -20 up to +70°C |
| Dimensions (WxHxD): | 292 x 124 x 110 |
| Connections: | inlet thread: DIN 477-1 and -5 (others on request) |
| | outlet thread: G 1/4" -DIN 3852 |

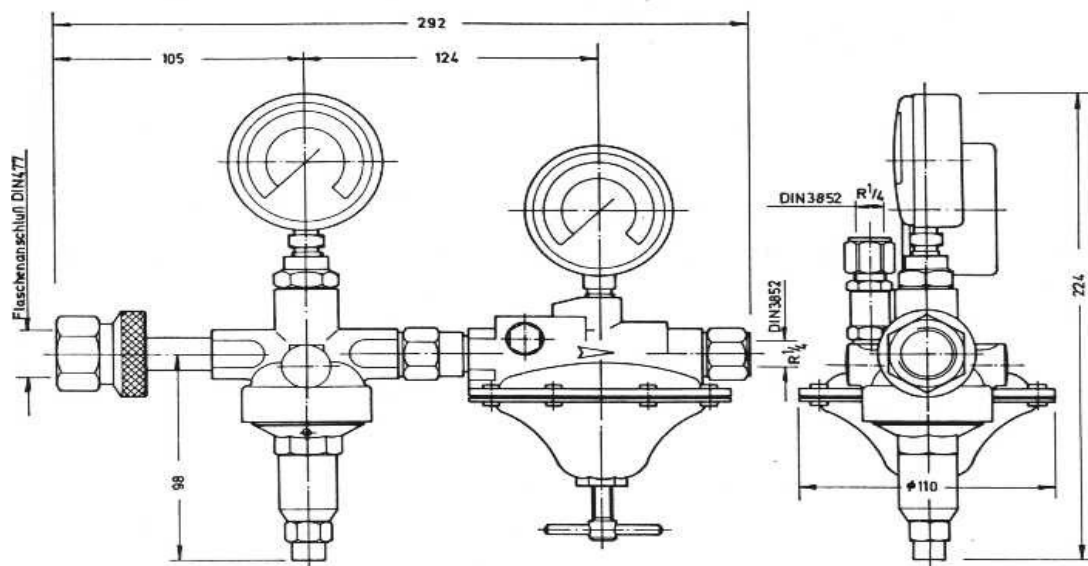
Hornung Quality standard

The company Hornung is certified to **DIN EN ISO 9001 and ISO 14001:2009**. All single parts are manufactured, assembled and tested by in-house production. The finished parts are therefore under all criteria of German quality control with 100% final inspection.

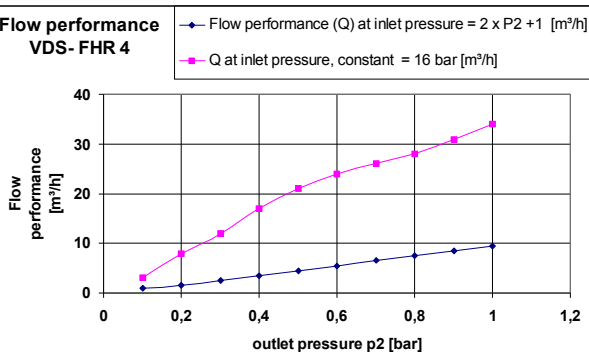
Hornung GmbH
Rathenaustraße 55, 63263 Neu-Isenburg

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Fax: +49 6102 7883-40

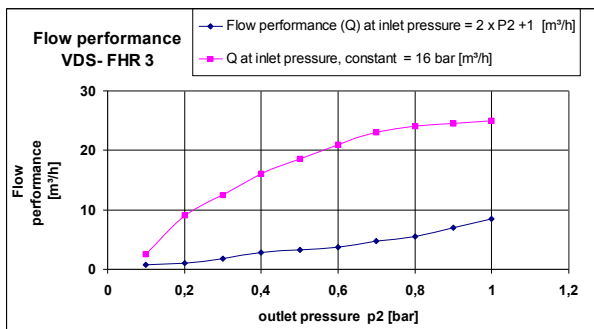
www.hornung.org
info@hornung.org



**Flow performance
VDS- FHR 4**



**Flow performance
VDS- FHR 3**



Accessories:

See total catalogue segment

7. Gauges, screws, compression fittings, cylinder holders and accessories

Ordering Information:

Body:

- 1 = brass
- 2 = brass, nickel plated, Hand connected

Inlet pressure:

- 1 = 200 bar
- 2 = 300 bar

Seat:

- 1 = 3mm
- 2 = 4mm

Outlet pressure ranges:

- 1 = up to 30 mbar
- 2 = up to 50 mbar
- 3 = up to 70 mbar
- 4 = up to 100 mbar
- 5 = up to 200 mbar
- 6 = up to 300 mbar
- 7 = up to 500 mbar
- 8 = up to 700 mbar
- 9 = up to 1000 mbar

Order example:

| | |
|------------------|---------------|
| Regulator type | |
| VDS-FHR3 u. FHR4 | precision reg |

| | | | | | |
|------|------|----|------|----|-------------|
| 17- | 2 | 2 | 2 | 1 | Gas |
| Type | Body | P1 | Seat | P2 | Type of gas |