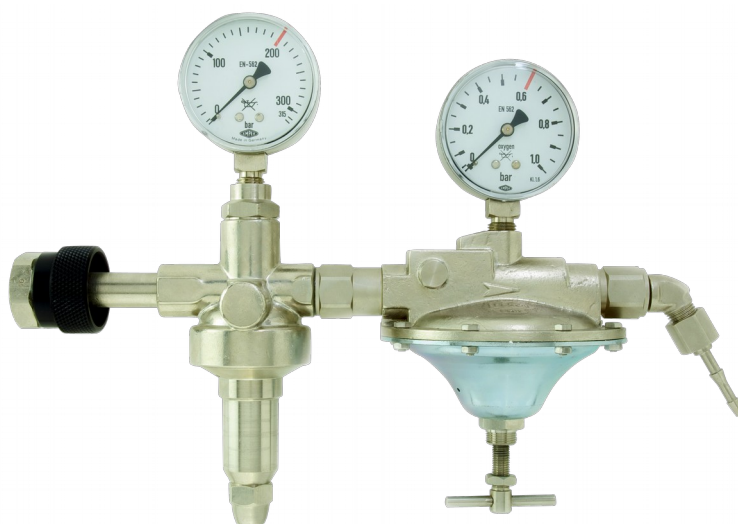


# Cylinder pressure regulator VDS-FHR3 / VDS-FHR4

- 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 Areas:

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.**

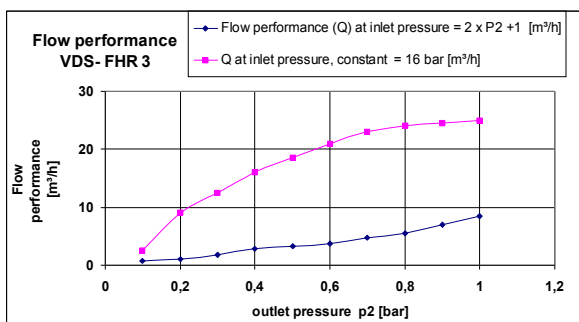
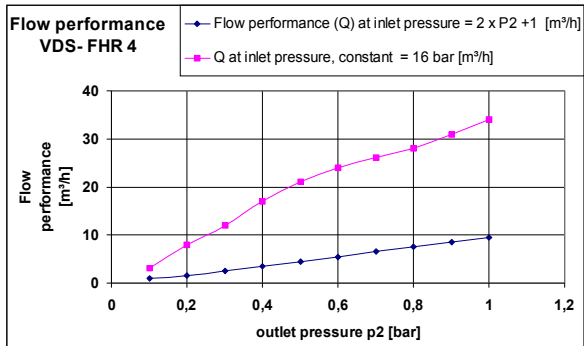
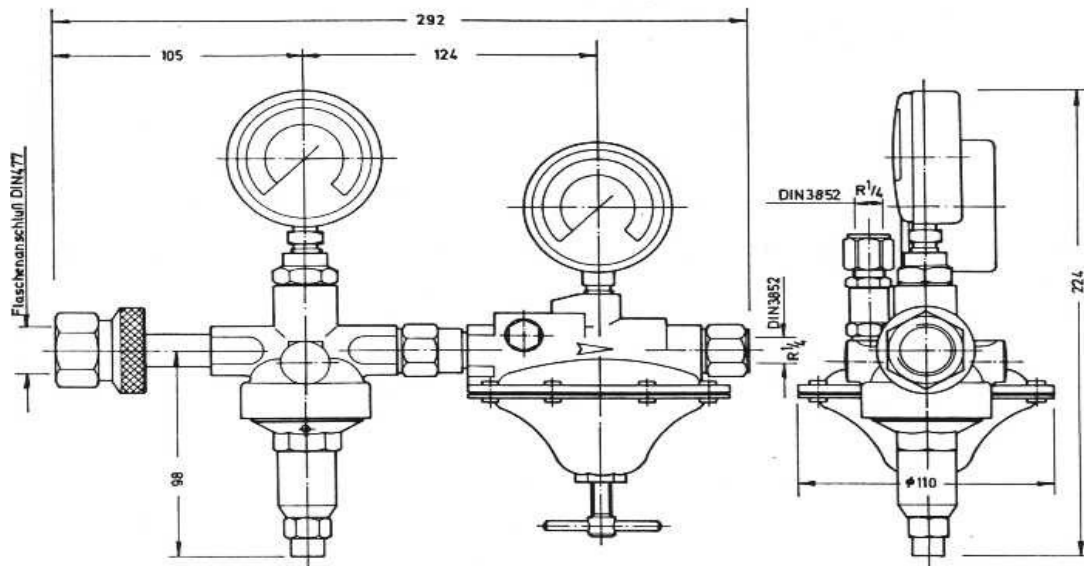
All single parts are manufactured, assembled and tested by in-house production.

The finished parts are therefore under all criteria of German quality control with 100% final inspection.

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## 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

