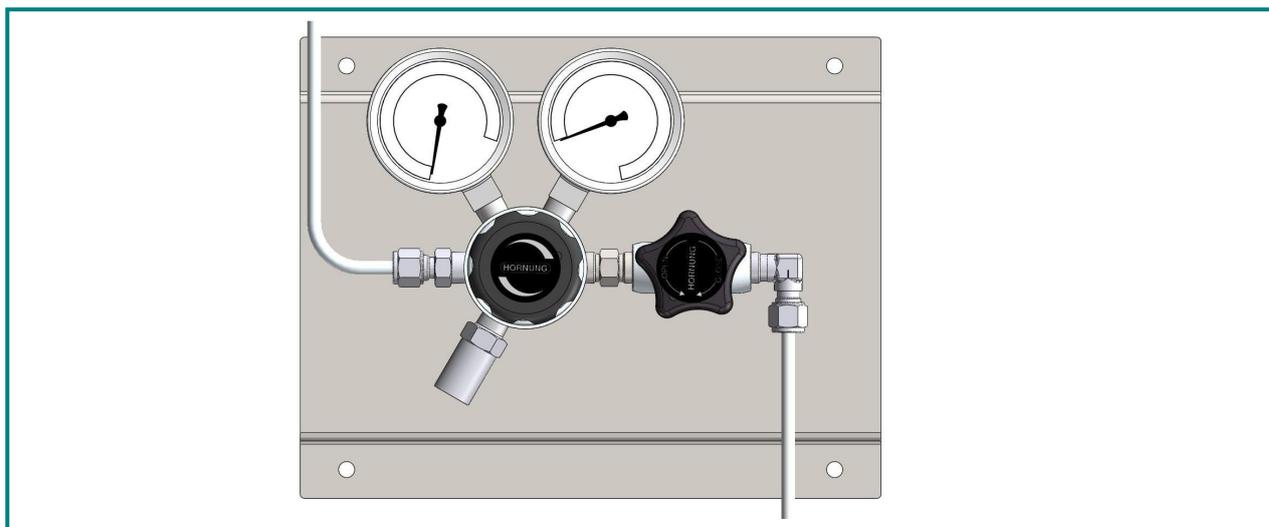


# Cylinder station HP 200

- 1x1 cylinder single stage, with shut-off valve on the high pressure side
- for gases, calibration gases and gas mixtures up to 6.0 (99.9999 Vol.%) purity



## Description:

HP200 is a single stage panel for central gas supply and reduces the cylinder pressure to a line pressure. It will be installed in central cylinder storages or (safety-)gas cabinets.

The panel is mounted on a stainless steel console. As a standard it consists of:

- single stage pressure regulator with inlet and outlet pressure gauges
- safety valve
- shut-off valve for process gas on the high pressure side

## Application area:

Especially for gases with high requirements on purity. A special cleaning system for the HP Series guarantees the use for ECD applications.

## Technical details:

Body:	stainless steel 1.4404 electropolished or brass, nickel and matt chrome plated
Seat:	PCTFE
Diaphragm:	1.4435
Leakage rate: against atmosphere	$10^{-8}$ mbar l/s He
Gas purity:	$\leq 6.0$
Max. Inlet pressure:	300 bar
Outlet pressure ranges:	0,1-3; 1-6; 1-12; 1-17 bar
Operating temp.:	-20 °C to +70 °C
Gauges:	Safety version to EN 837-1 KL1,6
Dimensions (wxhxd):	250 x 200 x 205
Weight:	3200g
Threads:	NPT 1/4" f

## Hornung Quality standard

The company Hornung is certified to **DIN EN ISO 9001**

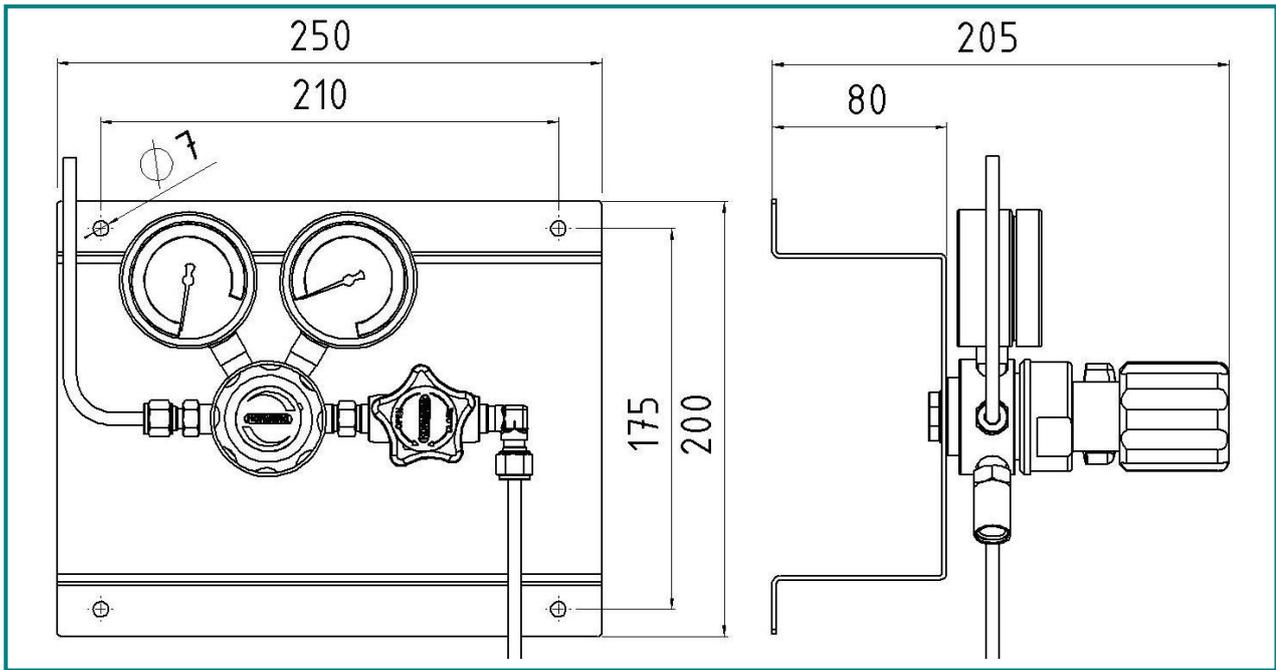
All single parts are manufactured, assembled and tested by in-house production.

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

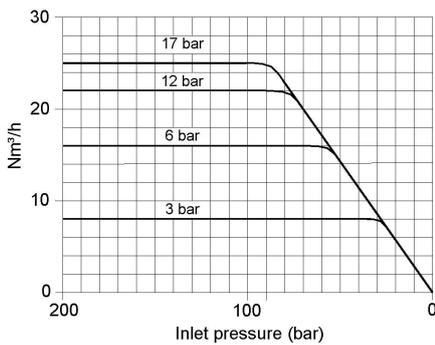
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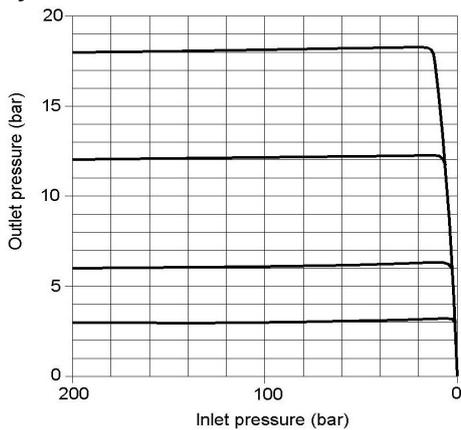
www.hornung.org  
info@hornung.org



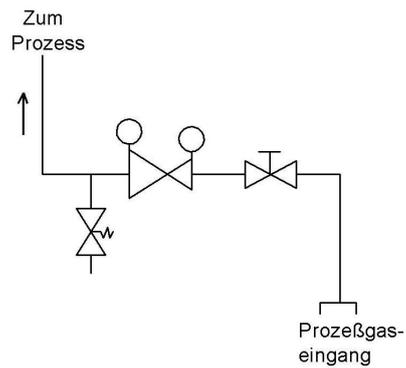
### Performance curve HP 200



### Dynamic flow curve HP 200



### Fließschema:



### Ordering information:

#### Material:

**HP200** = Stainless steel electropolished  
**HP200MS** = Brass, nickel and matt chrome plated

#### Inlet pressure:

**01** = 200 bar  
**02** = 300 bar

#### Outlet pressure ranges:

**02** = 0,1 - 3 bar  
**03** = 1 - 6 bar  
**04** = 1 - 12 bar  
**05** = 1 - 17 bar

Regulator type	1-stage
without purge system	<b>HP200</b>

<b>HP200-</b>	<b>02</b>	<b>03</b>	<b>Gas</b>
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Type      P1      P2      Gas type

### Accessories:

See total catalogue segment

- Diaphragm shut-off and metering valves
- Gauges, screws, compression fittings, Cylinder holders, pigtails, safety equipment and Accessories