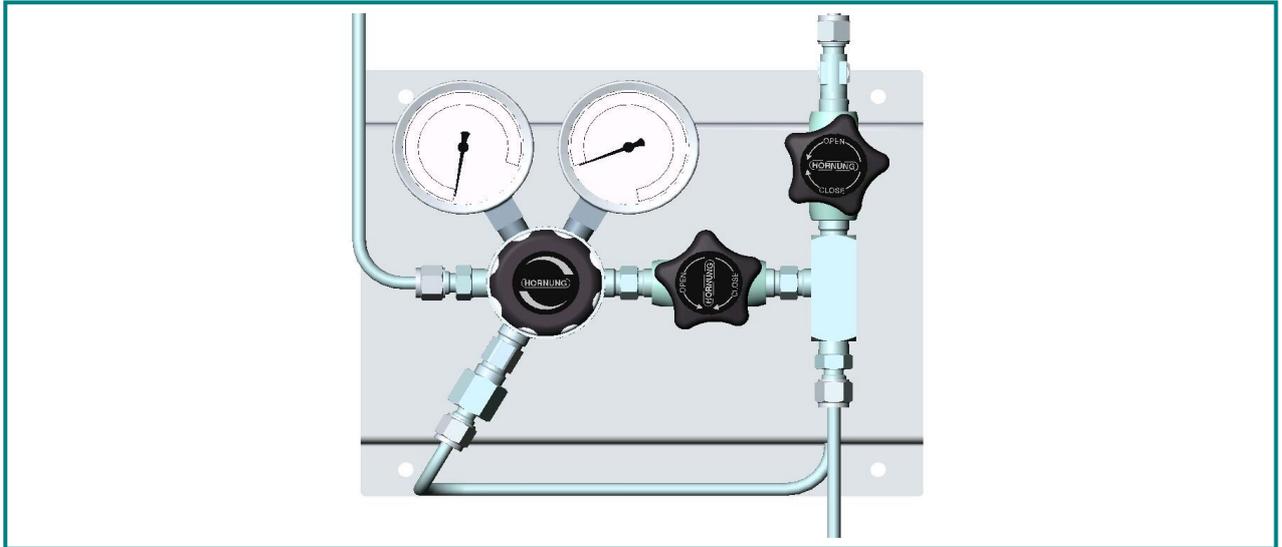


Cylinder station HP 203

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



Description:

HP203 is a dual stage panel for central gas supply and reduces the cylinder pressure to a line or an operating pressure and will be used when an absolutely stable working pressure is required. It will be installed in central cylinder storages or (safety-)gas cabinets. Often a dual stage version will be used as a point of use regulator, e.g., when the safety gas cabinet is placed near the operating area.

The HP 203 panel is mounted on a stainless steel console. As a standard it consists of:

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

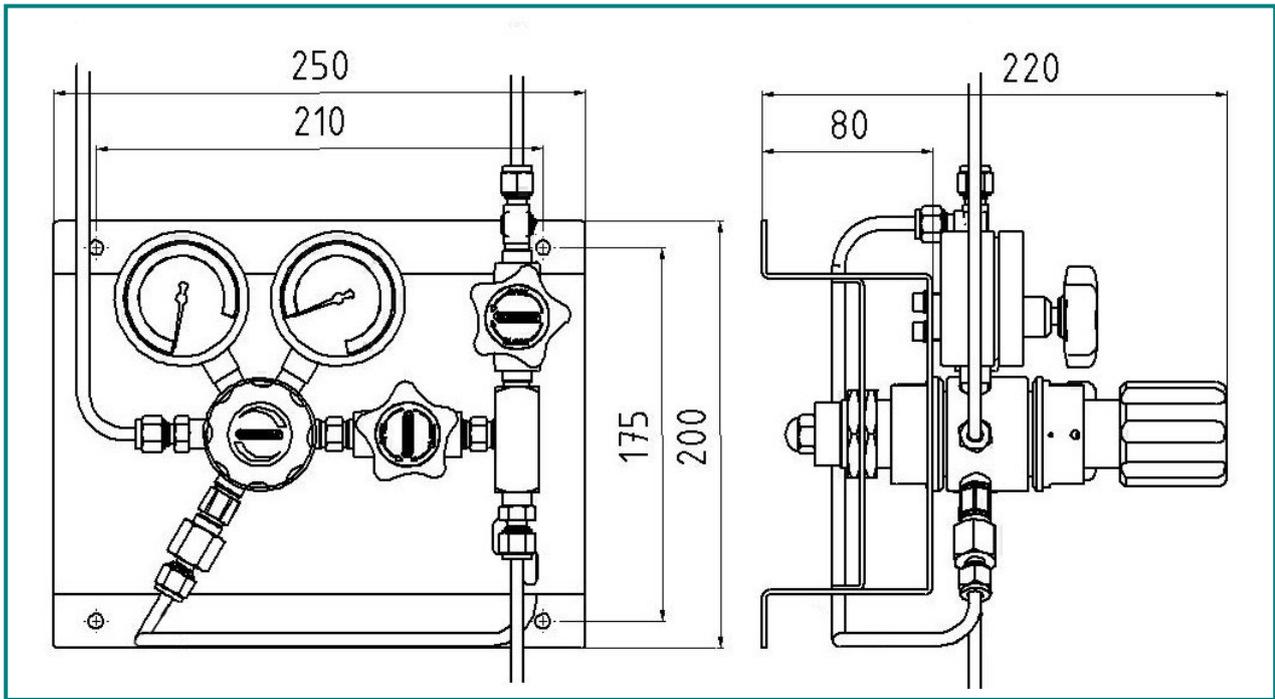
Technical details:

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:	≤ 6.0
Max. Inlet pressure:	300 bar
Outlet pressure ranges:	0,1-1; 0,1-3; 1-6; 1-12 bar
Operating temp.:	-20 °C to +70 °C
Gauges:	Safety version to EN 837-1 KL1,
Dimensions (wxhxd):	250 x 200 x 220
Weight:	4200g
Threads:	NPT 1/4" f

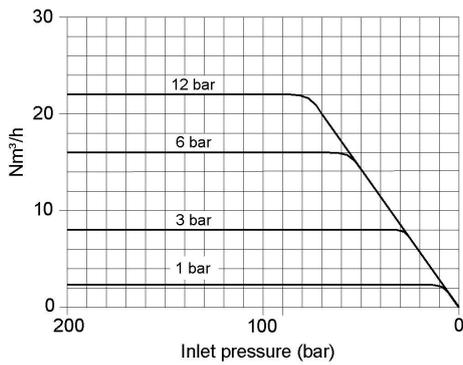
Hornung Quality standard

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

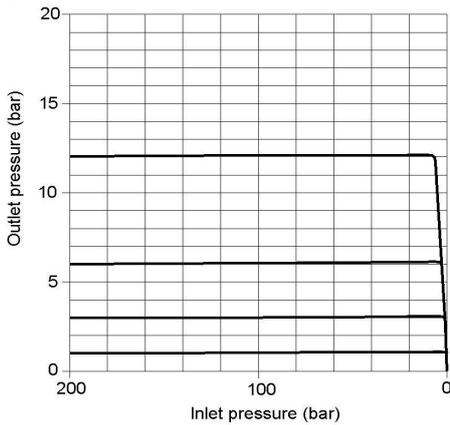
All single parts are manufactured, assembled and tested by in-house production. The finished parts are therefore under all criteria of German quality control with 100% final inspection.



Performance curve HP 203



Dynamic flow curve HP 203

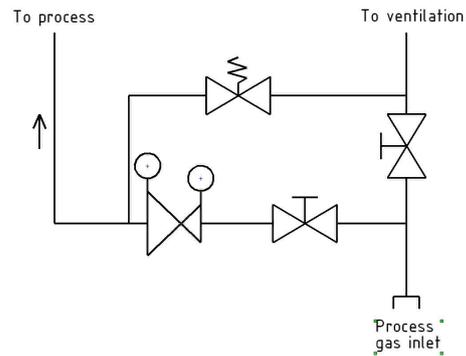


Accessories:

See total catalogue segment

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

Fließschema:



Ordering information:

Material:

HP203 = Stainless steel electropolished
HP203MS = Brass, nickel and matt chrome plated

Inlet pressure:

01 = 200 bar
02 = 300 bar

Outlet pressure ranges:

01 = 0,1 - 1 bar
02 = 0,1 - 3 bar
03 = 1 - 6 bar
04 = 1 - 12 bar

Regulator type	2-stage
with internal purging	HP203

HP203-	02	03	Gas
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Type Inlet Outlet Gas type