

Cylinder pressure regulator HP 120

- single stage diaphragm regulator for a high outlet pressure up to 200 bar



Fittings optional

Description:

The cylinder pressure regulator HP 120 is a single stage pressure regulator, brass nickel and matt chrome plated or stainless steel 1.4404 electro polished.

The cylinder pressure regulator is developed as a diaphragm pressure regulator and specially made for high initial pressure.

The pressure regulator is fitted as a standard with gas specific connections to DIN 477 or any other common national standard.

Application Area:

Especially for gases with high requirements on purity up to 6.0 and for laboratories and analytics.

Technical Details:

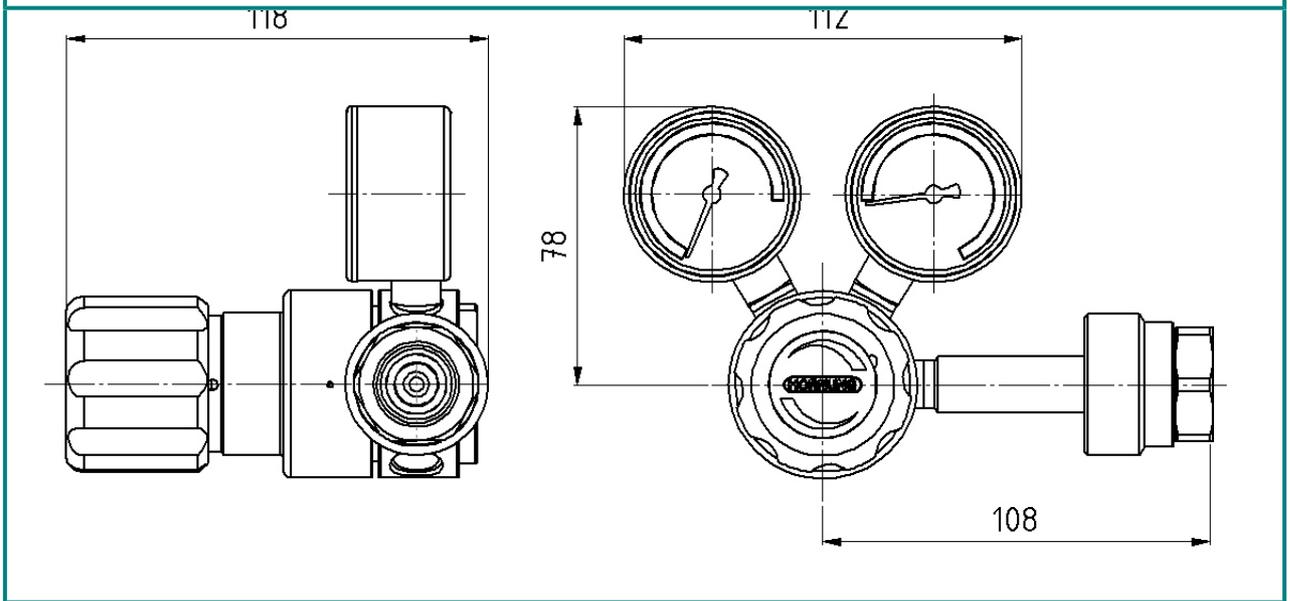
Body:	stainless steel 1.4404 electro polished, brass, nickel and matt chrome plated
Seat:	PCTFE
Diaphragm:	1.4435
Leakage rate Against atmosphere:	10^{-8} mbar l/s He
Gas purity:	≤ 6.0
Max. inlet pressure:	300 bar
Outlet pressure ranges:	5 – 50 bar 5 – 100 bar 10 – 200 bar
Operating temp.:	-20°C to +70°C
Gauges:	safety version to EN 837-1 KL1,6
Size (WxHxD):	165 x 78 x 118
Weight:	1580g
Threads:	NPT 1/4" f

Hornung Quality standard

The company Hornung is certified to **ISO 9001:2008 and ISO 14001:2009**.

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

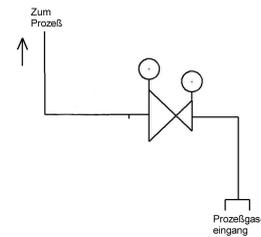
The finished parts are therefore under the criteria of our German quality control system with 100% final inspection.



Specification:

The diaphragm pressure regulator is specially developed for high inlet- and outlet pressures.

Flow diagram:



Ordering information:

Material:

- 1 = stainless steel
- 2 = brass

Inlet pressure:

- 1 = 200 bar
- 2 = 300 bar

Outlet pressure ranges:

- 1 = 5 - 50 bar
- 2 = 5 - 100 bar
- 3 = 10 - 200 bar

Option for the outlet:

- 1 = 1/4" NPT – international thread
- 2 = compression fitting 6mm

Regulator type	single
Without purging	71

71 -	1	1	2	1	Gas
Type	Mat.	Inlet	Outlet	Option	Gas type

Accessories:

See total catalogue segment

- 7. Accessories
- Screw connection