

# Cylinder pressure regulator HP 150

- single stage for high flow and high outlet pressure (up to 50bar) – with a balanced poppet



Fittings optional

## Description:

The cylinder pressure regulator HP 150 is a single stage pressure regulator with a high flow rate and is developed for pressure reduction of high purity gases.

It reduces the pressure of compressed gas or fluids at a maximum outlet pressure of 50 bar.

The integrated balanced poppet ensures that even when inlet pressure drops down, a constant operating pressure is guaranteed (dual stage effect).

The cylinder 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. In case of our special cleaning method the cylinder pressure regulator is ECD capable.

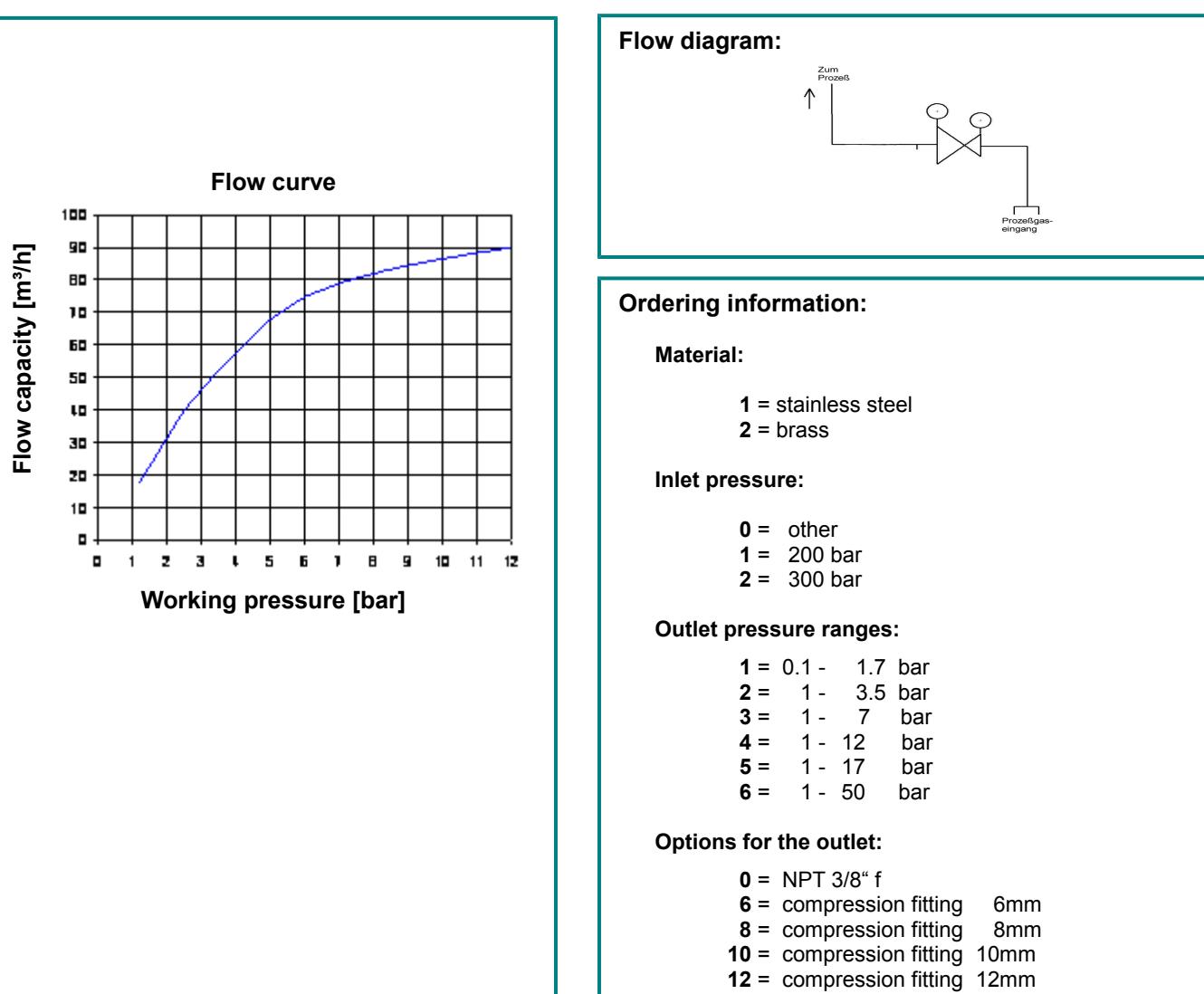
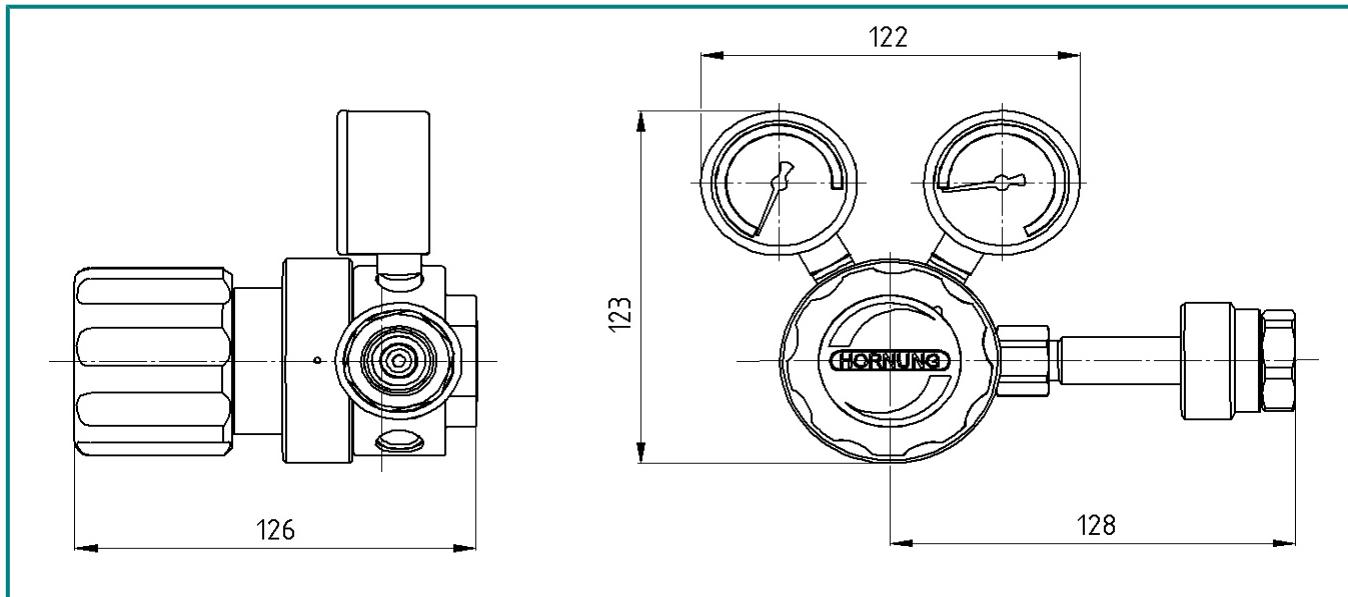
## Technical Details:

Body:	stainless steel 1.4404 electro polished brass, nickel and matt chrome plated
Seat:	PCTFE
Diaphragm:	1.4435
Leakage rate:	$10^{-8}$ (mbar l/s) He
Gas purity:	$\leq 6.0$
Max.inlet pressure:	300 bar
Outlet pressure ranges:	0.1-1.7; 1-3.5; 1-7; 1-12; 1-17; 1-50 bar
Operating temp.:	-20°C to +70°C
Gauges:	safety version to EN 837-1 KL1,6
Size (WxHxD):	189 x 123 x 126 mm
Weight:	1980g

## 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.



#### Accessories:

See catalogue segment

7. Accessories  
Screw connection

72-	1	1	2	6	Gas
Type	Mat.	inlet pressure	outlet	option	gastype