

Line pressure regulator HP 302

- single stage (4-port) max 300 bar inlet pressure



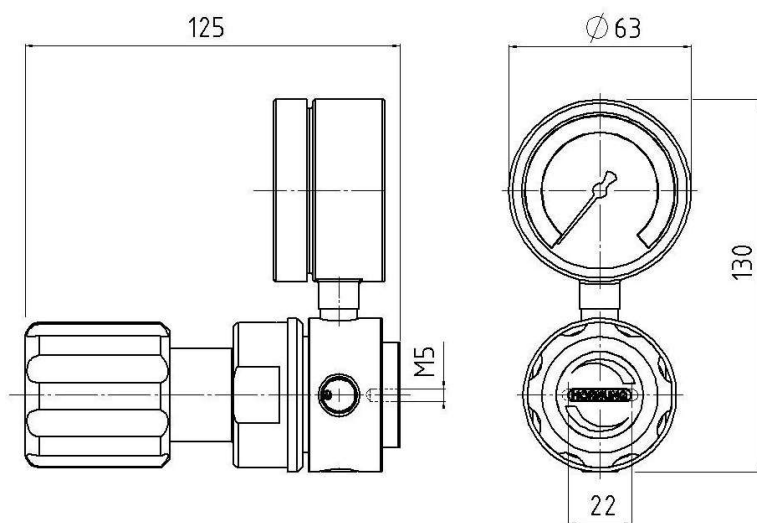
Fittings and
gauges optional

TECHNICAL DETAILS		APPLICATION AREA	DESCRIPTION
Material:	Stainless steel 1.4404 electropolished or brass, nickel and matt chrome plated	Especially for gases with high requirements of purity up to 6.0 for laboratories and analytics.	The line pressure regulator HP 302 is a single stage pressure regulator, brass nickel and matt chrome plated or stainless steel 1.4404 electropolished.
Seat:	PCTFE	In case of our cleaning method the cylinder pressure regulator is ECD capable.	It is designed as a diaphragm pressure regulator.
Diaphragm:	1.4435	Stainless steel version allows the usage of aggressive gases.	The HP 302 reduces the pressure of compressed gases or fluids to a maximum outlet pressure of 17 bar.
Leakage rate:	10 ⁻⁸ mbar l/s He against atmosphere	We recommend the installation of suitable safety valves to secure following equipment from improper high pressure.	It can be equipped optionally with an outlet gauge.
Gas purity:	≤ 6.0		
Max. inlet pressure:	300 bar		
Outlet pressure ranges:	0,1-1; 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):	63 x 130 x 125 mm		
Weight:	1200 g		
Connections:	NPT 1/4" f		

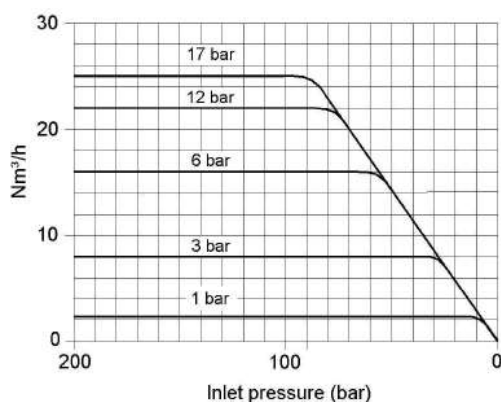
QUALITY STANDARD

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.

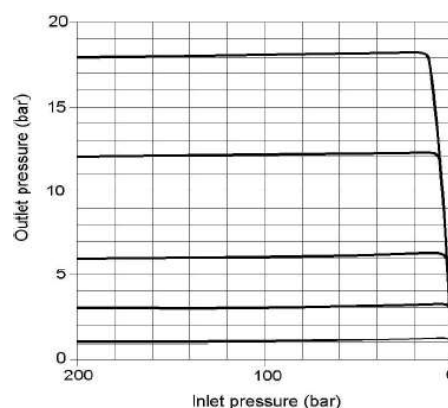
HP 302



PERFORMANCE CURVE



DYNAMIC FLOW CURVE



ORDER DETAILS

Material:

- 1 = Stainless steel electropolished
- 2 = Brass, nickel and matt chrome plated

Inlet:

- 1 = from the left to the right
- 2 = from the right to the left

Outlet pressure ranges:

- 1 = 0,1 - 1 bar
- 2 = 0,1 - 3 bar
- 3 = 1 - 6 bar
- 4 = 1 - 12 bar
- 5 = 1 - 17 bar

Gauges:

- 1 = without gauges
- 2 = outlet gauge (working pressure)

Inlet- and outlet option:

- 0 = NPT 1/4" f
- 3 = compression fitting 3 mm
- 6 = compression fitting 6 mm
- 8 = compression fitting 8 mm
- 10 = compression fitting 10 mm
- 12 = compression fitting 12 mm

Regulator type	1-stage	HP302-	1	2	3	2	6	Gas type
HP302	4-port	Type	Material	Inlet	Pressure	Gauge	Option	Gas type

Accessories: See total catalogue segment

7. Gauges, compression fittings and accessories