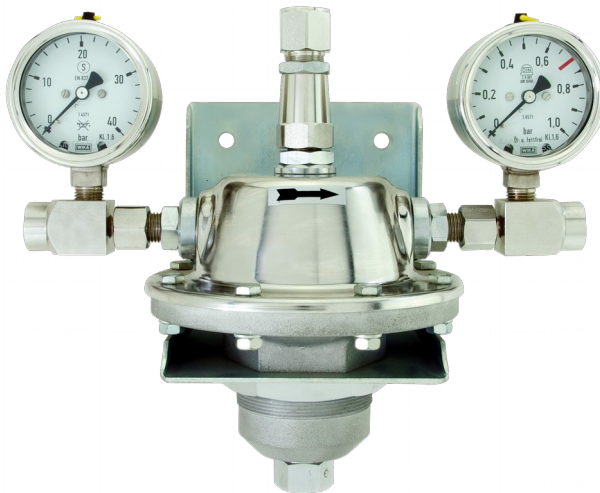


Precision line regulator PHR

- single stage for mbar applications



Description:

The excellent gas control characteristics of PHR – even in the mbar area starting with 10 mbar is based on the wide and flexible diaphragm construction.

As an option the PHR regulator can be delivered with in- and outlet pressure indicators or with a wall mounting bracket.

Application areas:

The precision pressure regulator PHR is applied in following areas:

- Laboratories and industries
- Science and research
- Gas analysis
- Gaschromatography
- Process engineering

Technical details:

| | |
|------------------------|--|
| Body: | brass or stainless steel electropolished |
| Seat: | viton |
| Diaphragm: | viton |
| Purity: | ≤ 5.0 |
| Max.pressure inlet: | 16 bar |
| Pressure outlet ranges | 10 mbar – 2 bar |
| Flow rate: | 10 m³/h Luft |
| Operating temp.: | -20°C to +70°C |
| Gauge: (optional) | safety classification accord. EN 837-1 KL1,6 |
| Threads: | inlet G 1/4 f outlet G 1/4 f |

Hornung Quality standard

The company Hornung is certified to

DIN EN ISO 9001 and ISO 14001:2009.

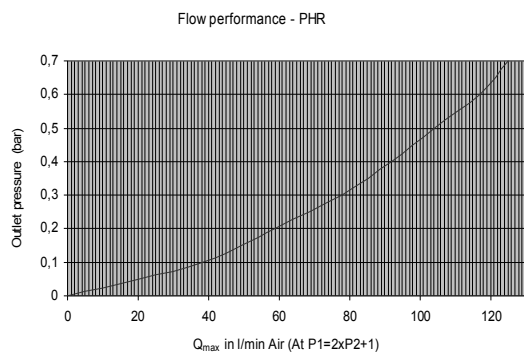
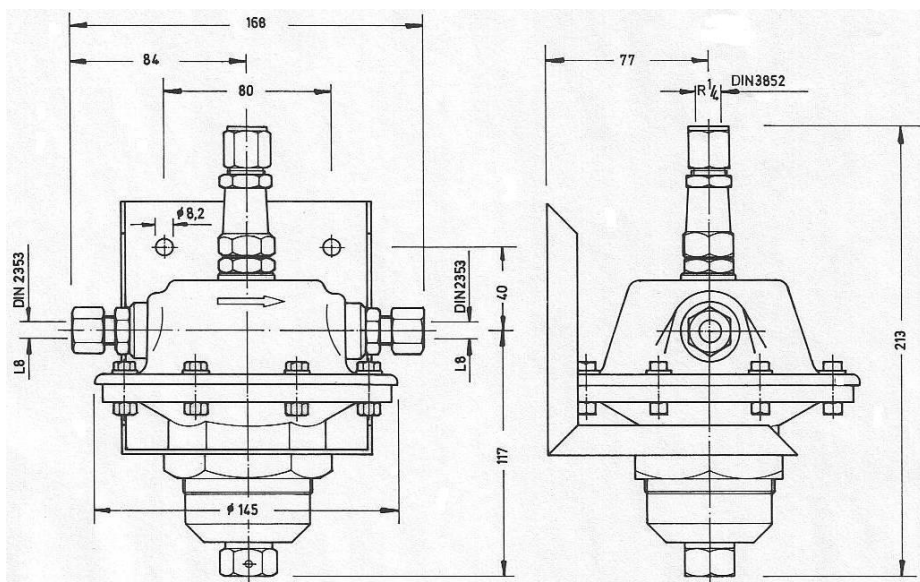
All single parts are manufactured, assembled and tested by in-house production.

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

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Ordering information:

Material:

- 1 = brass
- 2 = stainless steel electropolished

Outlet pressure ranges:

- 1 = 30 mbar
- 2 = 50 mbar
- 3 = 70 mbar
- 4 = 100 mbar
- 5 = 200 mbar
- 6 = 300 mbar
- 7 = 500 mbar
- 8 = 700 mbar
- 9 = 1000 mbar
- 10 = 1500 mbar
- 11 = 2000 mbar

Gauge:

- 1 = without
- 2 = with working pressure indicator
- 3 = in- and outlet pressure gauges

Options for in- and outlet:

- 00 = G 1/4" f
- 03 = compression fitting 3mm
- 06 = compression fitting 6mm
- 08 = compression fitting 8mm
- 10 = compression fitting 10mm
- 12 = compression fitting 12mm

Accessories:

See total catalogue segment

- 7. Accessories
- gauges, screw connection

Order example:

| 28- | 2 | 2 | 2 | 08 | 12 | Gas |
|------|------|----------|-------|-------|--------|-----|
| Type | Mat. | Pressure | Gauge | Inlet | Outlet | Gas |