

## PRESSURE REGULATORS FOR NON-CORROSIVE GASES

Cylinder regulators

### H 904

#### HIGH PURITY SINGLE STAGE GAS REGULATOR

Model H 904 is a chrome plated single stage cylinder regulator with a stainless steel diaphragm for general purposes application where high purity gas is required.

The H 904 can be used when a slight pressure rise from full to empty cylinder can be tolerated.

#### APPLICATIONS:

- Non-corrosive gases;
- Purging;
- Pressure testing;
- Blanketing

#### FEATURES:

- Recommended purity levels of grade up to 5.0 (99.999%);
- External safety relief valve with 1/4" NPT female thread for external release hose connection;
- 302 stainless steel diaphragm eliminates contamination from diffusion or outgassing;
- One piece encapsulated seat design includes a sintered filter to protect the seat from particulate contamination;
- Forged brass body fully chromed;
- Chrome plated bonnet and fittings;
- Capsule seat with Kel-F (CTFE) sealing surface;
- Maximum inlet pressure 300 bar (4350 psig).

#### MATERIALS

Body, bonnet	Chrome plated brass
Bonnet	ZnAl mold
Diaphragm	302 stainless steel
Nozzle	Brass
Seat	PTFE Teflon*
Seals O-ring	PTFE Teflon*
Filter	Sintered bronze - 10 micron
Adjusting Knob	ABS plastic

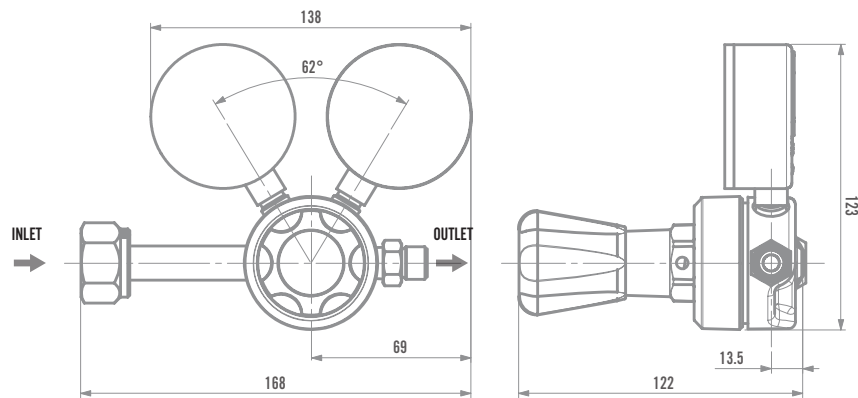
\* Teflon® is a registered trademark of The Chemours Company

#### TECHNICAL DATA

Type	Single stage
Purity	Up to 5.0
Inlet pressure	Max. 300 bar (4350 psi)
Outlet pressure	0-1,5/4/10 bar (21,75/58/145 psig)
Oxygen use	Suitable

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### SPECIFICATION

Inlet connection	to bottle according UNI standard (other standards on request) - NEF - DIN - BS
Outlet port	1/4" NPT-F
Weight	1,32 kg

FLOW CHART

