

High-pressure regulator

Nitrogen 170 bar



Product features

Designed for use with high-pressure cylinders. Typical applications include high-pressure testing, accumulator charging, pressurization of aircraft shock absorbers, oil refineries, chemical plants, research laboratories and general industry.

Also ideal for high-pressure distribution.

- **Stainless steel diaphragm:** Prevents internal contamination and ensures clean and reliable operation.
- **High-pressure capsule seat:** Equipped with Kel-F (CTFE) seal for secure and durable sealing under high pressure.
- **Corrosion-resistant construction:** Manufactured from forged brass and a bronze cover with stainless steel T-handle, Providing long-lasting durability.
- **Versatile integration:** Can be easily integrated into various systems, making it versatile and easy to adapt to specific needs.
- **High-quality materials:** Manufactured with high-quality materials and components to ensure safe operations and long-lasting performance.

Technical data

Type	1-stage
Regulator class	2
Standard	ISO 2503
Gas	Nitrogen
Temperature range	-20°C up to +60°C

Pressure / Flow

Inlet pressure P_1	300 bar
Outlet pressure P_2	0-170 bar
Q_n	500m ³ /h

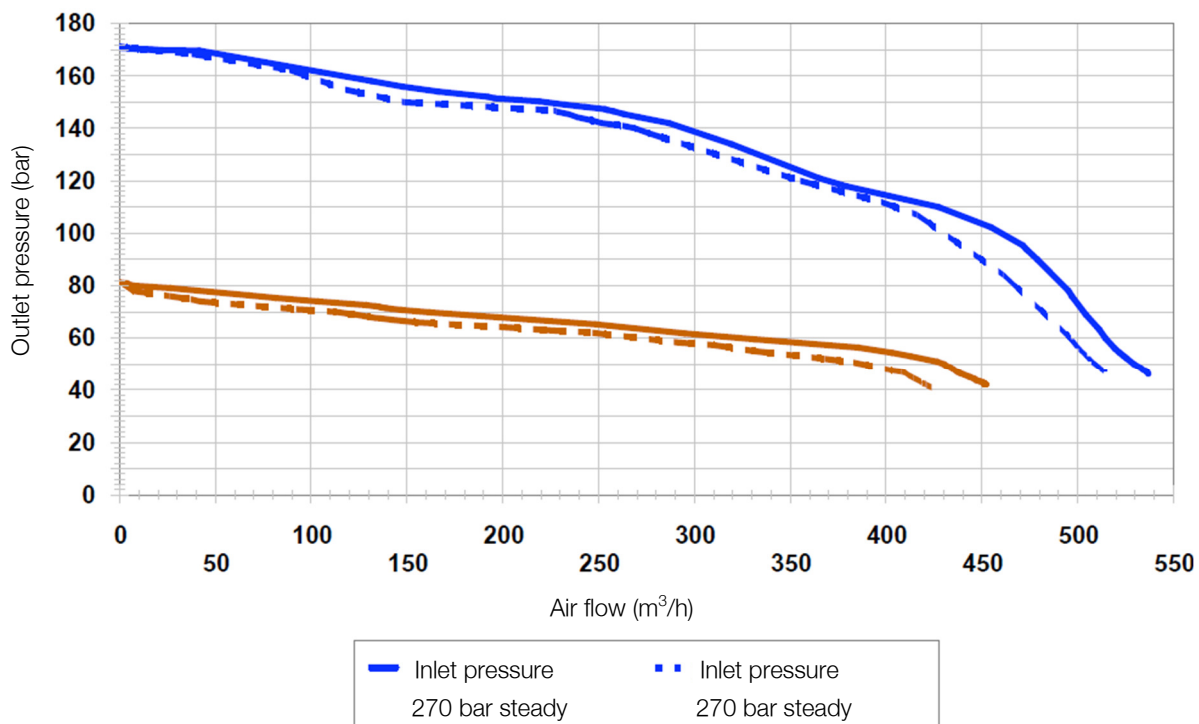
Materials:

Valve body	CW 617N/ CW 614N
Valve seat	Kel-F
Diaphragm	Stainless steel, AISI302

Connections:

Inlet	W24,32x1/14"
Outlet	Internal 1/4" NPT

Flowchart



Dimensions

