



Gas Control Equipment



PREMIUM CYLINDER REGULATOR SERIES

GCE ProTec®

Robust, safe, protected... these are the adjectives to be used along with the new generation of the GCE traditional, armored pressure regulator.

Have you recently damaged your gas cylinder regulator or its part? It can easily happen e.g. because of an accident during transportation in the workshop, because of dirty handling, or because it could just simply fall down on the floor.

GCE ProTec® is a regulator designed to last rough handling. You can rely on it in your workshop but also when you transport your oxy-fuel equipment to the external working place or during your on-site operations. It is an ideal tool for welding and cutting applications, either indoor or outdoor.



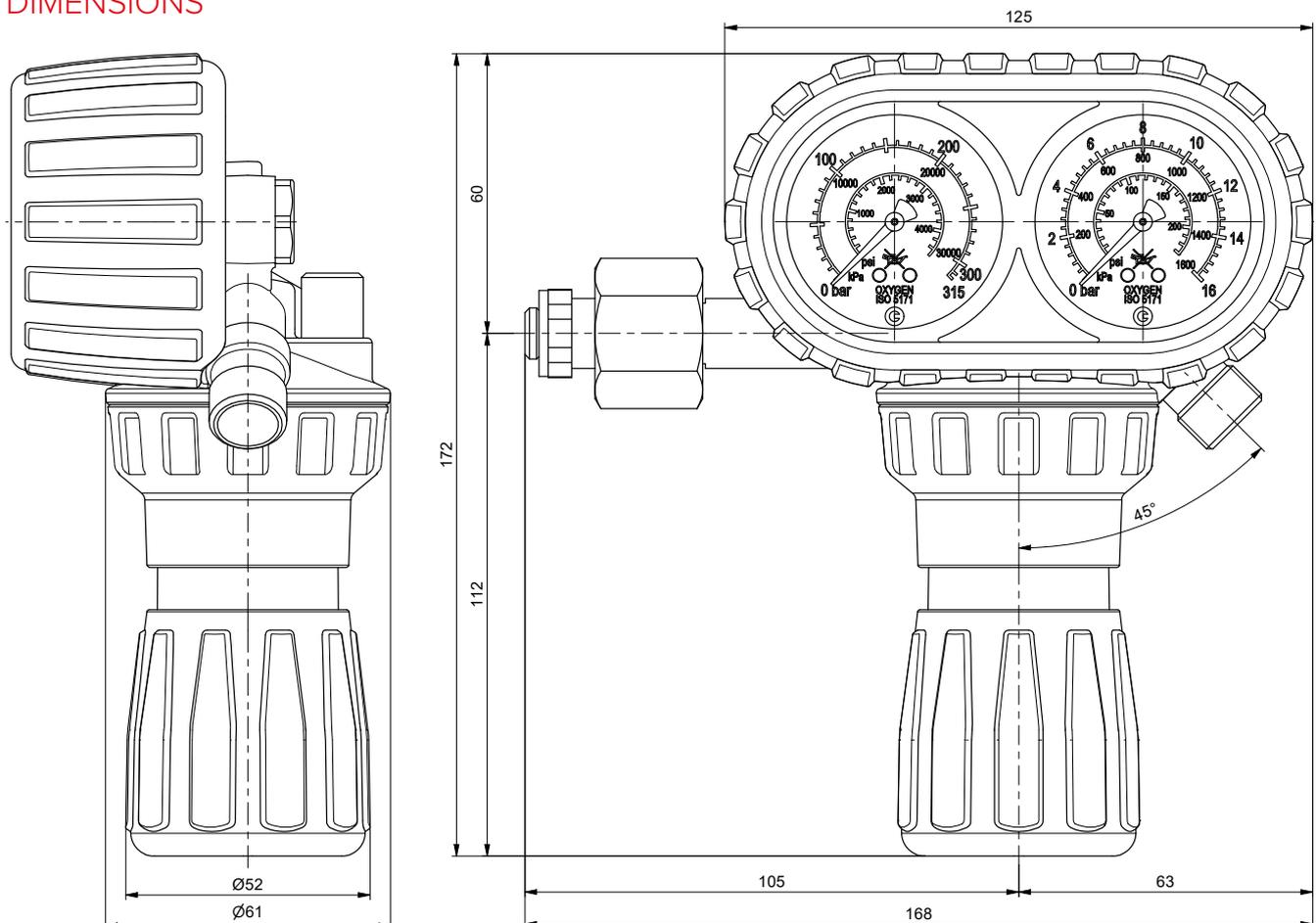
FEATURES

- **Top durability** even in extreme conditions
- **High-performance** following needs of all common technical gas applications
- **Safety-focused** design, ISO 2503 compliant
- **Advanced protection of pressure gauges with steel cage and soft rubber cover**
- Prolonged lifetime **saving costs** related to services, spares, and replacements
- Encapsulated regulating technology for **precise** parameters **stability**
- Easy handling for the operator by **ergonomic** arrangement
- Three scale pressure gauges acc. to ISO 5171 with high contrast pointer for **better** gas pressure **clarity**

TECHNICAL DATA

Gas	O ₂ , Inert gases	Ar, Ar/CO ₂	Acetylene	Propane
Body	Brass forged			
Bonnet	Zn/Al alloy Die Cast			
Stems, nuts and fittings	Brass			
Diaphragm	EPDM			NBR
Seat sealing	PA		CR	
Inlet/ Outlet connection	Gas specific connection			
Maximal inlet pressure	200 or 300 bar		25 bar	
Outlet pressure/ flow range	0-10 bar	0-24l/min	1,5 bar	4 bar
Temperature range	From -20°C to 60°C			
Weight	Approx. according to gas variant: 1,9 kg			
Pressure relief valve	Used in all variants			

DIMENSIONS



GCE ProTec®

PRODUCT ADVANTAGES

Pressure gauges are precise measuring instruments. They are the most sensitive regulator components, and they are exposed fully to the industrial environment. To prevent their damage, GCE ProTec® is equipped with a **unique protective cage** ensuring the double protection of these crucial parts.

Exact gas pressure measurement.
Easy reading of the gas parameters with a three-unit scale and contrast pointer.



The protective robust cage made of steel is fixed to the forged brass body. It gives maximal protection against external impacts.

The soft rubber cap placed over the cage absorbs the strikes during potential rough handling.



Safe operation with **pre-adjusted brass pressure relief valve.**

Simplified design **without outlet shut-off valve** to minimize risk of damages.

Stable gas outlet pressure and optimal flow performance for the gas application. **Encapsulated regulating valve technology.**

Accurate parameter setting with an optimized pressure adjusting mechanism.

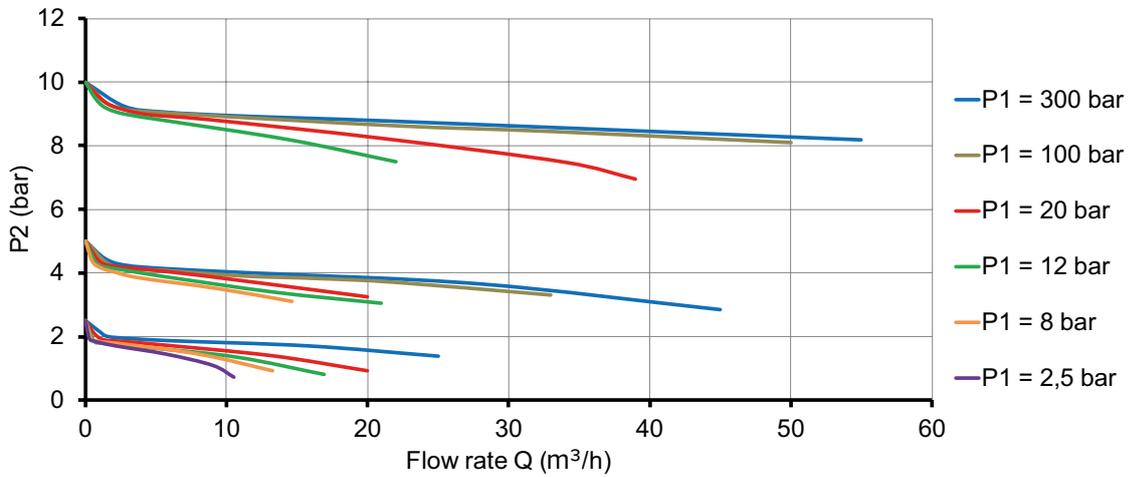
On-line instructions for use directly on the body stay available for entire regulator lifetime.

Ergonomic handwheel for easier handling.

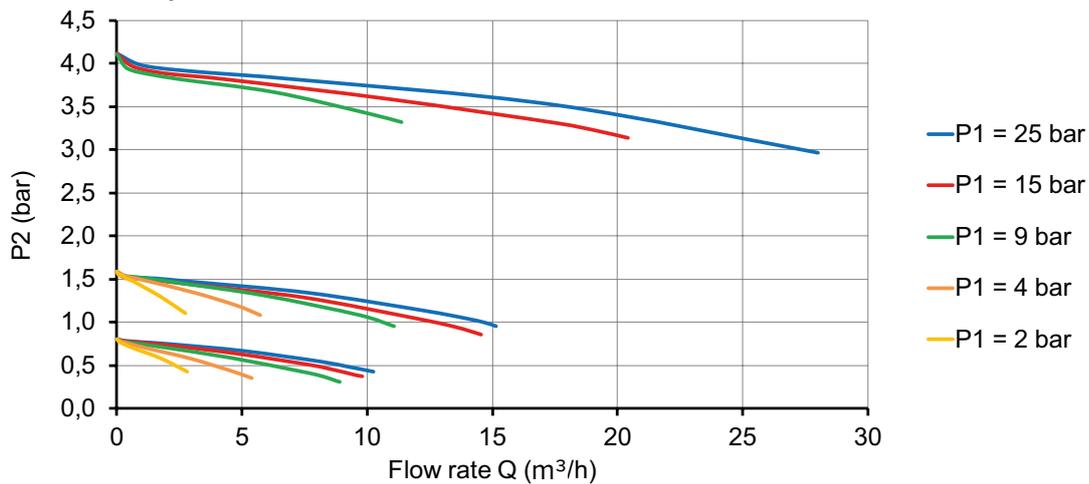


FLOW CHARTS

Compressed gases 300/10 bar (measured by air)



Propane 25/4 bar



Acetylene 25/1,5 bar

