



INDUSTRIAL VALVES

CYLINDER VALVES

15 YEAR LIFE

- The new design ensures long life and low-torque, easy opening and closing operation throughout the valve's life
- Residual Pressure Valve (RPV) valves have been cycle tested to conform to GCE's own stringent standards exceeding ISO 10297 and ISO 15996 to provide a Class Leading **15 year maintenance-free Service Life**

OPERATIONAL EASE OF USE

- Valve body design has been optimized for easier valve insertion
- Laser marked Batch and Part Numbers on the valve body, for easy identification and traceability, all provide Operational Ease of Use for GCE's customers

GLOBAL DURABILITY

- GCE valves are tested for global market conditions, from the Arctic cold at -40°C to +65°C for Equatorial regions
- Addition of a special protective O ring on the opening mechanism protects the valve against the elements and increases its environmental resistance
- Full array of regional connections available
- Working Pressures up to 300 bar

ISO 9001 QUALITY ASSURED

The new range conforms to the Transportable Pressure Equipment Directive 2010/35/EU (TPED) and is type tested to ISO 10297 and ISO 15996 to provide a **15 Year maintenance-free Service Life**



TECHNICAL DATA

Working pressure:	up to 300 bar
Working temperature:	from -20°C to +65°C
Storage and transportation temperature:	from -40°C to +65°C
Seat diameter:	4 mm
Flow coefficient CV:	0,5
Flow coefficient CV with RPV:	0,3

VALVE BODY MARKING



MATERIAL AND COMPONENTS

The materials and components are all sourced from quality assured suppliers and ISO type test validated, whilst each batch of production is 100% functional and leak proof tested and quality controlled to ISO 9001 in a lean manufacturing environment.

DESIGN OPTIONS

GCE valves can be supplied with the following additional options:

- Residual pressure valve with non-return valve function
- Safety bursting disc
- Aluminium or plastic handwheel
- Handwheel cap with customer branding
- Excess flow restrictor
- Nickel or chrome plating on the body
- Teflon tape on the inlet thread
- Thread protectors
- **Dip tubes** (PVC, brass, copper or stainless steel)



GCE Valve with Diptube

THE NEW GENERATION OF GCE CYLINDER VALVES

APPLICATION

The valves can be used for technical industrial gases up to 300 bar working pressure (Standard or Residual Pressure Valve models).



Standard Valve

In-line Residual Pressure Valve

Off-line Residual Pressure Valve

ACCESSORIES

Note: For variants equipped with residual pressure valve it is recommended to use GCE filling adapters.

