

Plastic diaphragm valve GEMÜ R690

Areas of application

- Industrial water treatment
- Chemical processes
- Power generation and environmental systems
- Mechanical engineering and processing industries

Features

- Same mounting height planes over multiple nominal sizes
- Flow-optimized valve body for compact plant design
- Reduced control air consumption
- Varied optional accessories for measurement and control systems

Description

GEMÜ R690 has a low maintenance membrane actuator which can be controlled by inert gases. Normally Closed (NC), Normally Open (NO) and Double Acting (DA) control functions are available. All media wetted parts and the actuator housing are made of high-grade plastic materials which can be selected to suit the application.

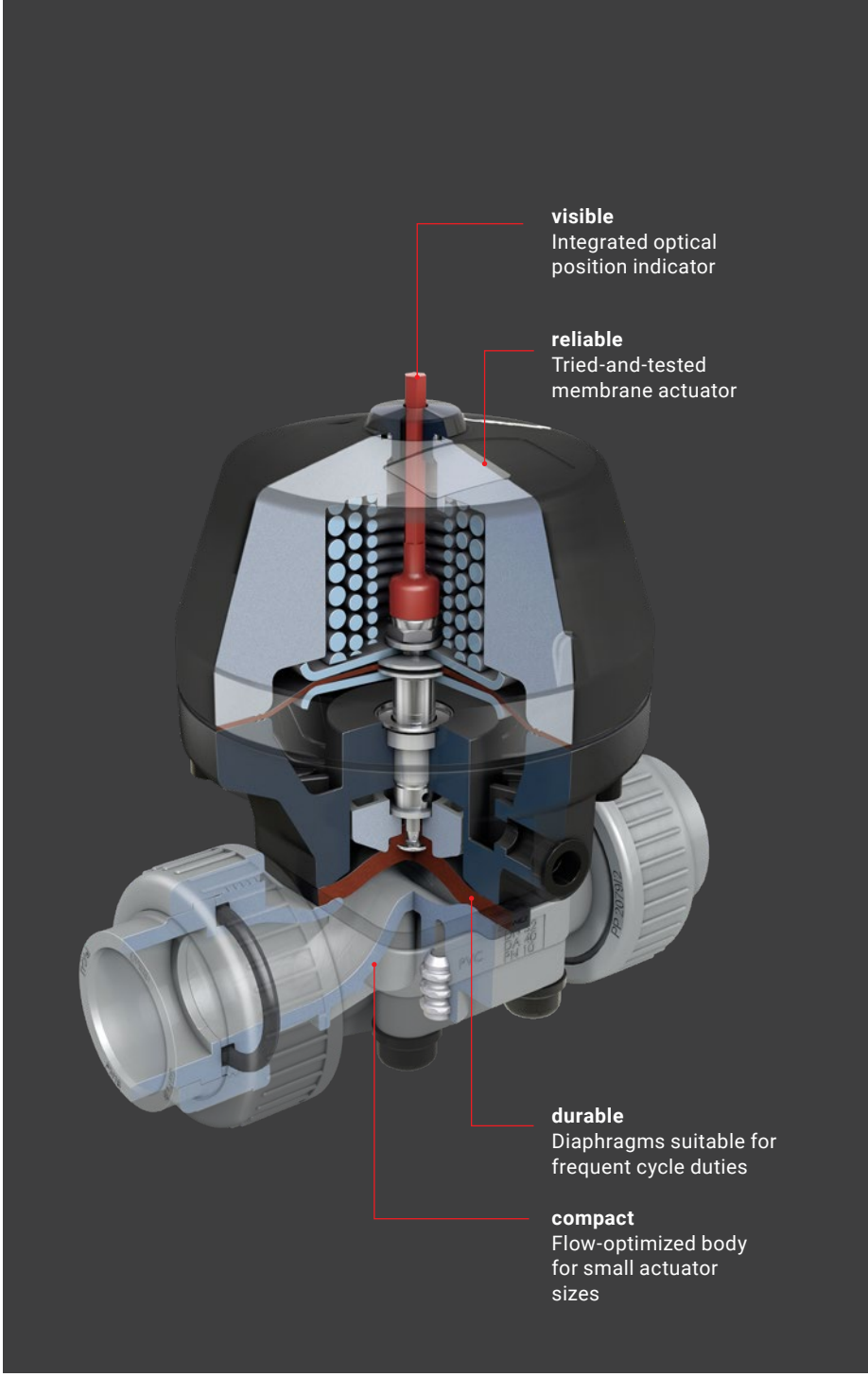
Technical specification

- **Media temperature*:**
  -10 to 80 °C
- Ambient temperature:
  -10 to 50 °C
- **Operating pressure*:**
  0 to 10 bar
- **Nominal sizes*:**
  DN 15 to 100
- **Connection types:**
  Flange | Spigot | Union end
- **Connection standards:**
  ANSI | ASTM | BS | DIN | EN | ISO | JIS
- **Body materials:**
  ABS | Inliner PP-H, grey / outliner PP, reinforced | Inliner PVDF/outliner PP, reinforced | PP, reinforced | PVC-U, grey | PVDF
- **Diaphragm materials:**
  EPDM | FKM | NBR | PTFE/EPDM
- **Conformities:**
  EAC | FDA | NSF

* depending on version and/or operating parameters

Applications

- Reverse osmosis systems
- Waste water purification
- Water filtration systems
- Neutralization systems
- Electroplating



GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG
Fritz-Müller-Straße 6–8 · 74653 Ingelfingen · Germany · Phone +49 (0)7940 123-0 · info@gemue.de

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