

Gaseous Fuels

Quick-closing Valves

Quick-closing Valve Combination with Intermediate Venting for Gas Burners



Type KVII/F-KVII/F

Application

- Gas firing systems on steam boilers
- Gas-carrying piping systems in all industrial fields
- Valves with type testing to:
 - 97/23/EC *Pressure Equipment Directive, module B*
 - DIN EN 161 *Automatic shut-off valves for gas burners and gas appliances (operating pressure of up to 4 bar)*
 - DIN 3394-T 1 *Automatic control valves – Pressure relief, safety and regulation valves for pressure above 4 bar up to 16 bar*
 - DIN EN 12 952 *Water tube boilers and auxiliary installations*
 - DIN EN 12 953 *Shell boilers*

Nominal diameter: 15 to 300 mm
Operating pressure: up to 40 bar
Operating temperature: -15 °C to 200 °C

Technical Data

Valve body: Cast steel GS-C 25
Nodular cast iron GGG40.3
Stainless steel 1.4408

Plug seal: Perbunan/Viton/Teflon

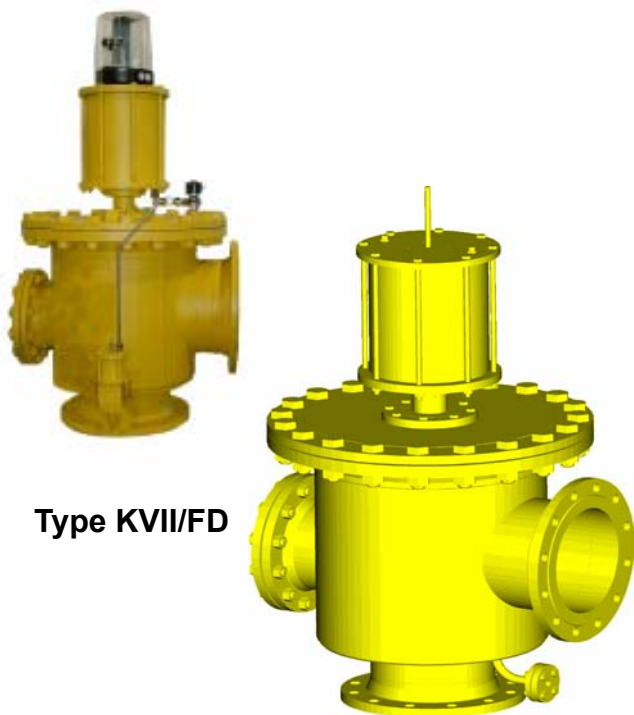
Stem seal: Maintenance-free due to stainless steel bellows

Actuator: Pneumatic piston actuator with closing-spring

Control:

- Electromagnetically operated 3/2 directional valve
- Position indication via limit switches

Quick-closing Gas Valve with Double Sealing and Intermediate Venting Type KVII/FD



Type KVII/FD

Application

- Special combustion plants
- Coke-oven gas combustion plants
- Valves with type testing to:
 - 97/23/EC *Pressure Equipment Directive, module B*

Nominal diameter: 200 to 400 mm
Operating pressure: up to 16 bar
Operating temperature: -15 °C to 200 °C

Technical Data

Valve body: Welded steel constructions

Sealing elements: Perbunan/Viton/Teflon

Stem seal: Maintenance-free due to stainless steel bellows

Actuator: Pneumatic piston actuator with closing spring

Control:

- Elektromagnetically operated 3/2 directional valve
- Piston indication via limit switches

Special design on request