

1. Intended use / product description



HSM-gate valve,
Order No. 451-00



Flange/Valve for PE fusion,
Order No. 409-00



Resilient seated gate valve,
Order No. 470-00

(example image)

Hawle gate valves are used in potable water supply and in the gas sector up to a max. operating pressure of 16 bar (exception Ord. No. 471-00, 25 bar). Type-specific limitation for maximum operating pressure according to the catalogue. Different versions, e.g. types of connection, etc., as specified in the catalogue.

Material: metal materials in contact with potable water according to the positive list of the German Federal Environmental Agency (UBA)*

gasket/plastic elements: EPDM according to the Elastomerguideline or POM according to KTW-valuation basis

For installation, assembly, and maintenance, the applicable standards and regulations, accident prevention regulations, as well as the trade associations' provisions shall be complied with.

Installation, assembly, and maintenance should be performed by skilled personnel only.

The typical applications for gate valves are "opened" and/or "closed". Gate valves are no control valves! In case of underground installation, the gate valve is actuated via an extension spindle. When installed in manholes or plants, handwheels or electric actuators shall be applied. The handwheel sizes and/or operating keys recommended by us must be used. Lever extensions and similar are not permitted.

When installing gate valves with electric actuators, the relevant operating instructions and CE marking regulations shall be observed.

2. Installation

For gate valves installed in pipelines, the respective DVGW regulations regarding the establishment of flanged or welded connections and/or the BAIO installation instructions shall be observed.

3. Servicing and maintenance

Hawle gate valves do not require any maintenance. Inspection acc. to DVGW sheet W400-3.

To ensure a trouble-free operation, we recommend actuating the gate valve once a year (or earlier if the formation of deposits must be expected).

In addition to the functional check, gate valves with electric actuators also need to be visually inspected (gate valve, actuator, and electrical installation). The European regulations in terms of CE marking (e.g. EU Machinery Directive, EU EMC Directive, accident prevention regulations,) shall be observed.

4. Commissioning and pressure-testing

After the successful installation, the gate valve has to be pressure-tested in the open trench acc. to the DVGW regulations observing the maximum operating pressures.

After the leakage test, a function check has to be performed.

* Brass/red brass components > 0.1% lead acc. to Regulation (EU) No. 1907/2006 (REACH Regulation)

[Should you have questions or need further information, please contact:](#)

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