

1. Intended use / Product description



Medium: Potable Water

Max. Betriebsdruck: Potable Water 16 bar

Material:

| | |
|------------|--|
| Housing: | GJS-400, Hawle epoxy powder coating |
| Spindle: | Stainless steel |
| Wedge nut: | Brass |
| Wedge: | GJS-400, EPDM inside and outside in accordance with the German Association for Gas and Water (DVGW) data sheet W 270 for water |
| Gaskets: | EPDM in accordance with DVGW W 270 |

Standard basis: Notches in accordance with DIN 2460

Overall length:

| | L | Pipe Ø |
|-------|-----|----------|
| DN50 | 204 | 60,3 mm |
| DN80 | 220 | 88,9 mm |
| DN100 | 248 | 114,3 mm |
| DN150 | 290 | 168,3 mm |
| DN200 | 346 | 219,1 mm |

Gate valves with grooved connections according to DIN 2460 for mechanical pipe joining systems, e.g. Victaulic®.

Actuation can be effected via hand wheel, extension spindle or motorised rotary drive (starting from DN50, on request).

The typical operating modes for gate valves are „open“ or „closed“. Gate valves are not control valves! Gate valves are operated in underground installations by means of an extension spindle. A hand wheel or electric actuator must be used in the manhole or plant area. The recommended hand wheel sizes or operating keys must be used. Extensions and other similar devices are not permitted.

When installing gate valves with an electric actuator, the appropriate operating instructions and the regulations for obtaining CE marking must be observed.

During installation and maintenance operations, the applicable standards and guidelines, accident prevention regulations and the regulations of professional associations are to be observed and complied with. Installation and maintenance operations should only be carried out by qualified personnel.

2. Assembly

When installing, the relevant operating instructions for the connecting clamps must be complied with. Ensure also that the installation is free of tension.

3. Maintenance and Repair

Hawle gate valves are maintenance-free.

Inspection is to be undertaken according to DVGW data sheet W400-3.

To ensure undisturbed operation, we recommend that you actuate the gate valve once a year (or earlier if deposits are expected to form).

For gate valves with an electric drive, it is necessary to carry out a visual inspection of the gate valve, drive and electrical installation at least once a year in addition to a functional check. European regulations for CE marking (e.g. EU Machinery Directive, EU Electromagnetic Compatibility Directive, accident prevention regulations, etc.) must be complied with.

4. Commissioning/Pressure test

When the installation has been successfully completed, a pressure test must be carried out in compliance with the maximum operating pressures according to DVGW regulations (for underground installation in open pipe trenches).

Once a leak test has been performed, a functional check should follow.

If you have any other questions or if you need more information please contact:

Hawle Armaturen GmbH
- Application Engineering -
Liegnitzer Str. 6
83395 Freilassing
Phone: +49 (0)8654 6303-0
Telefax: +49 (0)8654 6303-222
E-Mail: info@hawle.de
Web: www.hawle.de