

# Needle Valves

## Type 04010



### Needle Valves, PN100

Brass body and topwork  
with needle cone

### Part No. 04010.X.0000

Female thread connection (G) acc. to ISO 228/1



### Applications:

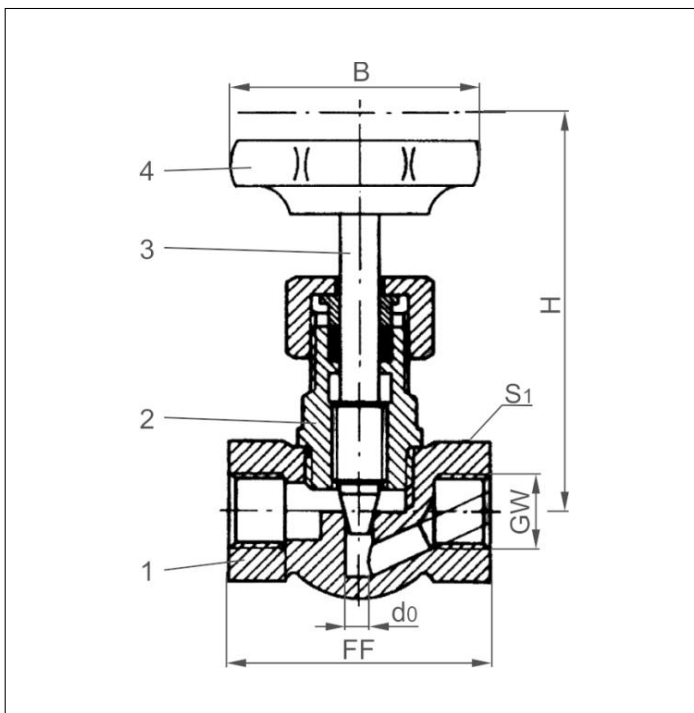
Suitable for non-toxic, non-inflammable fluids, gases and vapours.

The laws, regulations and standards are to observe for the range of application.

Working temperatures: -10°C / +14°F (263K) up to +100°C / +212°F (373K)

| Materials   | DIN EN  | ASTM             |
|-------------|---------|------------------|
| 1 Body      | CW614N  | B 249 UNS C38500 |
| 2 Headpiece | CW612N  | B 283 UNS C37700 |
| 3 Stem      | CW612N  | B 283 UNS C37700 |
| 4 Handwheel | Plastic |                  |

**Essential:** When ordering or requesting an offer please indicate flow medium, working pressure and working temperature.



| Type 04010               | Technical data    |      |      |      |      |      |       |
|--------------------------|-------------------|------|------|------|------|------|-------|
| Nominal size             | GW                | 1/4  | 3/8  | 1/2  | 3/4  | 1    | 1-1/4 |
| Dimension code           | .X.               | 0200 | 0300 | 0400 | 0600 | 1000 | 1200  |
| Face-to-face dimension   | FF                | 50   | 50   | 50   | 67   | 75   | 110   |
| Height                   | H                 | 80   | 80   | 80   | 90   | 95   | 105   |
| Orifice                  | d <sub>0</sub>    | 5.0  | 6.0  | 6.5  | 9.0  | 11.0 | 13.0  |
| Handwheel-Ø              | B                 | 50   | 50   | 65   | 65   | 65   | 90    |
| Wrench size across flats | S <sub>1</sub>    | 22   | 22   | 25   | 32   | 40   | 54    |
| Weight                   | ca. kg            | 0.30 | 0.30 | 0.35 | 0.55 | 0.75 | 1.80  |
| Kvs-Value                | m <sup>3</sup> /h | 0.4  | 0.6  | 0.6  | 1.0  | 1.6  | 3.0   |
| Cv-Value                 | gal/min           | 0.5  | 0.7  | 0.7  | 1.1  | 1.8  | 3.5   |

Dimensions in mm.