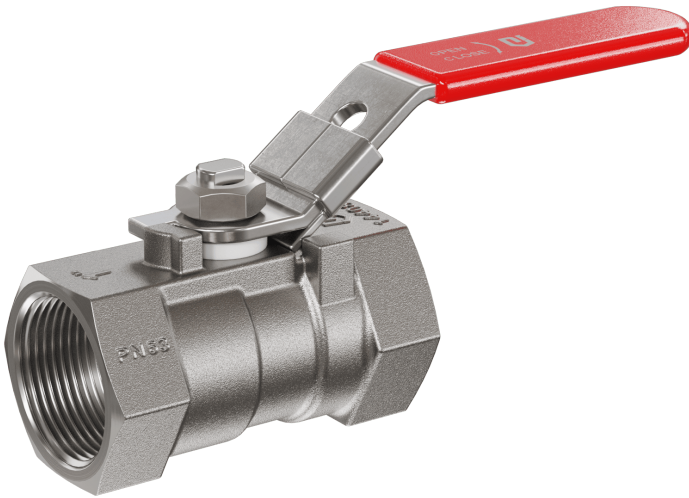


## Thread Ball valve stainless steel type GK03



### description:

Thread Ball valve made of stainless steel with reduced port design. With stainless steel-ball and PTFE ball sealing to shut off pipeline systems.

### features:

- suitable for neutral and not neutral **gaseous & liquid media**
- unibody ball valve
- blow-out proof stem
- locking device

### connection:

1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", Inch

### construction:

Reduced port design

### pressure:

max. 63 bar

### design:

### connection:

### body:

### ball:

### ball sealing:

### stem seal:

### handle:

### face-to-face length:

### temperature:

unibody ball valve reduced port design, BSP thread

BSP thread ISO 228-1

stainless steel 1.4408 / CF8M

stainless steel 1.4401 / AISI 316

PTFE

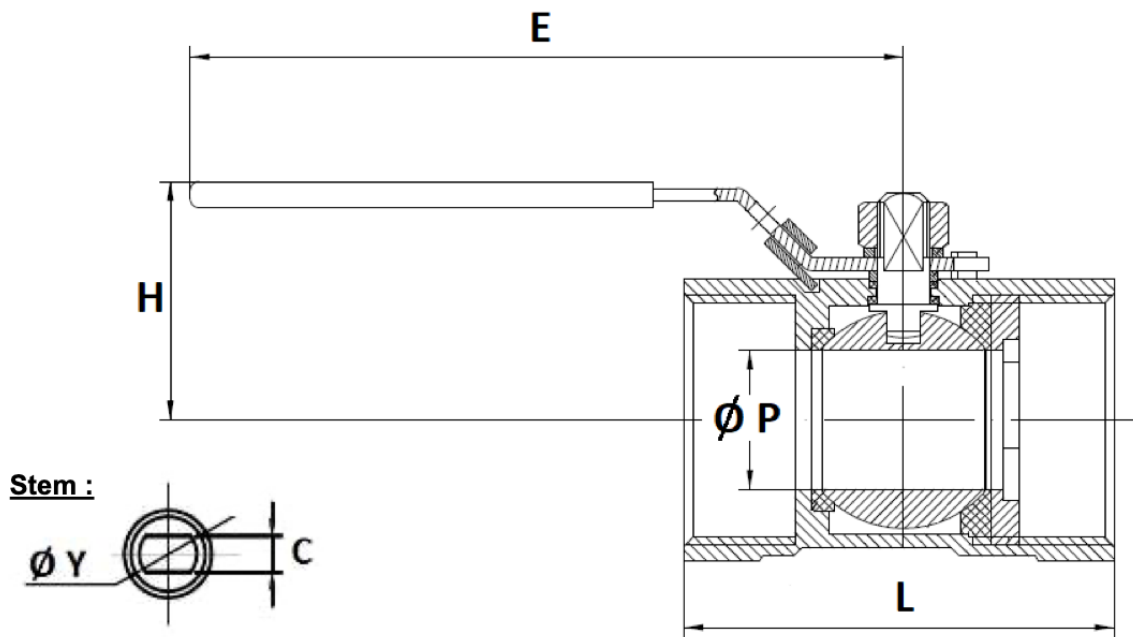
PTFE

stainless steel with plastic cover

short

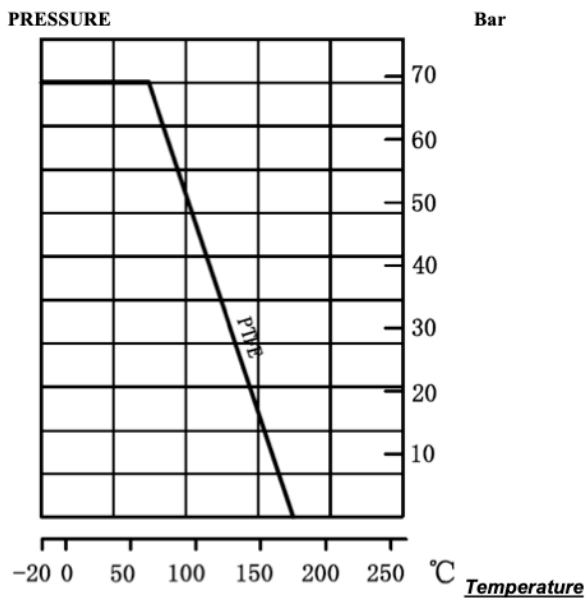
-20°C to +180°C (depending on working pressure)

dimensions:



| DN          | 1/4" | 3/8" | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   |
|-------------|------|------|------|------|------|--------|--------|------|
| Ø P         | 5    | 7    | 9,2  | 12,5 | 15   | 20     | 25     | 32   |
| L           | 39   | 44   | 56,5 | 59   | 71   | 78     | 83     | 99   |
| E           | 65   | 88   | 110  | 110  | 110  | 110    | 155    | 155  |
| H           | 28,5 | 31   | 38   | 40   | 47   | 52     | 58,5   | 64,5 |
| C           | 3    | 4    | 5    | 5    | 6    | 6      | 8      | 8    |
| Ø Y         | M5   | M6   | M8   | M8   | M10  | M10    | M12    | M12  |
| weight (kg) | 0,06 | 0,10 | 0,19 | 0,26 | 0,37 | 0,51   | 0,73   | 1,17 |

pressure-temperature-diagram (steam excluded):



## Flow coefficient (Kvs Werte in m<sup>3</sup>/h):

| DN  | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2"  |
|-----|------|------|------|------|----|--------|--------|-----|
| Kvs | 7    | 8    | 9    | 19   | 45 | 80     | 125    | 165 |

## Torque values (in Nm without safety coefficient)

| DN     | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|--------|------|------|------|------|----|--------|--------|----|
| Torque | 2    | 2    | 2,5  | 3,5  | 6  | 7      | 12     | 16 |

## article number:

| Type | Version            | Seal      | Size                                                                                                        |
|------|--------------------|-----------|-------------------------------------------------------------------------------------------------------------|
| GK03 | 00 – female thread | 00 – PTFE | 01 – 1/4"<br>02 – 3/8"<br>03 – 1/2"<br>04 – 3/4"<br><b>05 – 1"</b><br>06 – 1 1/4"<br>07 – 1 1/2"<br>08 – 2" |

### Example no. GK03000005:

**GK03** | **00** | **00** | **05**

Thread ball valve made of stainless steel

Version: female thread

Seal: PTFE

Size: 1"

Image similar, subject change without notice.