# ECON® Ball valve Type: 7752 Stainless steel Internal thread (BSPP) 1000 PSI WOG

## Characteristics

**Type:** 7752
**Norm:** EN (DIN)
**Construction type:** 2-way
**Housing construction:** 2-part
**Housing material:** Stainless steel
**Material quality:** 1.4408
**Connection:** Internal thread (BSPP)
**Primary spindle seal material:** PTFE
**Tertiary spindle seal material:** PTFE
**Body seal:** PTFE
**Actuator material:** 1.4301
**Minimum medium temperature (continuous):** -10 °C
**Maximum medium temperature (continuous):** 205 °C

## Application

- Light industrial applications up to 68 bar.

## Technical Information

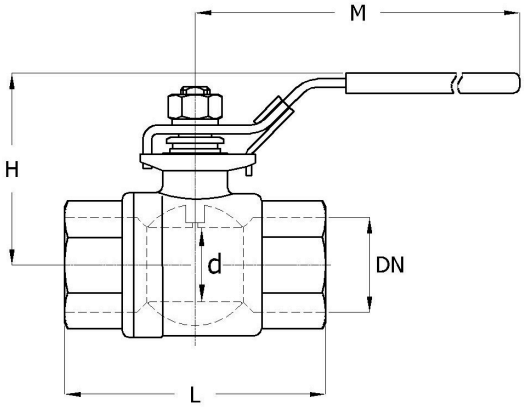
- Connection according to ISO 228-1 BSPP.
- Floating ball.
- Pressure class 1000 PSI WOG
- In sizes 0.25-3 inches
- Cavity relief bore in the ball.
- Equipped with lockable lever.

## Construction

- Two-piece housing construction.
- Full bore.

## Options

- Connection in NPT according to ASME B1.20.1.
- With "direct mount" top-flange in accordance with ISO 5211, type 7752ISO.




## Size table:

| DN | d | L | H | M | Weight |
|---|---|---|---|---|---|
| | mm | mm | mm | mm | kg |
| 1/4" [8] | 11 | 51.5 | 48 | 103 | 0.2 |
| 3/8" [10] | 12.5 | 51.5 | 48 | 103 | 0.2 |
| 1/2" [15] | 15 | 63.5 | 50 | 103 | 0.3 |
| 3/4" [20] | 20 | 74 | 57 | 126 | 0.5 |
| 1" [25] | 25 | 86 | 67 | 144 | 0.8 |
| 1.1/4" [32] | 32 | 98 | 72 | 144 | 1.2 |
| 1.1/2" [40] | 38 | 105.5 | 93 | 189 | 1.9 |
| 2" [50] | 50 | 122 | 100 | 189 | 3 |
| 2.1/2" [65] | 63.5 | 159 | 126 | 223 | 6 |
| 3" [80] | 76 | 182 | 136 | 223 | 9.8 |

| Pressure and temperature range | | | | | | | |
|---|---|---|---|---|---|---|---|
| Size | Temperature range | -10 | 38 | 100 | 150 | 200 | [°C] |
| 1/4" - 2" | -10°C/+200°C | 68 | 68 | 44 | 22 | 1 | [bar] |
| 2.1/2" - 3" | -10°C/+200°C | 50 | 50 | 32 | 16 | 1 | [bar] |
| Pressure class 1000 PSI WOG | | | | | | | |





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| Nominal inner diameter | Standard thread connection | Pressure rating | Face to Face norm | Manual operation | Bore | With locking device | Material ball | Seat material | Spindle material | Article |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/4" [8] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC0775201/4L-M12G |
| 3/8" [10] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC0775203/8-LM12G |
| 1/2" [15] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC0775201/2L-M12G |
| 3/4" [20] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC0775203/4-LM12G |
| 1" [25] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC077520001-LM12G |
| 1.1/4" [32] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC0775211/4L-M12G |
| 1.1/2" [40] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC0775211/2L-M12G |
| 2" [50] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC077520002-LM12G |
| 2.1/2" [65] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC0775221/2L-M12G |
| 3" [80] | ISO 228-1 | 1000 PSI WOG | Manufacturer standard | Handle | Full bore | Yes | 1.4408 | PTFE | 1.4401 | EC077520003-LM12G |





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