

ECON® Ball valve Type: 7288 Stainless steel Fire safe Flange PN16/40









Characteristics

Type: 7288 Norm: EN (DIN)

Construction type: 2-way
Housing construction: 2-part
Housing material: Stainless steel

Material quality: 1.4408 Connection: Flange Flange finish: Raised face

Top flange standard: ISO 5211 Direct Mount

Seat material: TFM 1600 **Spindle material:** 1.4401

Primary spindle seal material: PTFE

Secondary spindle seal material: FPM (FKM)
Tertiary spindle seal material: Graphite
Body seal: SWG 316L/PTFE/Graphite

Fire safe: Yes

Application

- Industrial applications up to 16 or 40 bar.
- Liquid and gaseous media.
- Recommended in: Food & Beverages

Technical Information

- Flanged connection in accordance with EN1092-1.
- Floating ball.
- Pressure rating PN16 or PN40.
- With direct-mount top flange in accordance with ISO 5211.
- All components intended to come into contact with food comply with EC 1935.
- Media temperature: -29/+200°C.
- DN15 to DN80 with lever and locking device.
- DN100 with T-bar.

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Construction

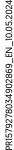
- Two-piece housing construction.
- Design according to EN 12516-1.
- Full bore.
- Equipped with anti-static design between ball and housing.
- Face-to-face dimension according to EN 558, series
 1 (DIN3202-F1).

Approval

- Fire-safe approval in accordance with ISO 10497 and API 607, sixth edition.
- Safety integrity level IEC 61508 SIL 2.
- Declaration of conformity according to EC 1935/2004.
- Fugitive emission certified in accordance with TA-Luft VDI 2440 / VDI 3479.
- Fugitive emission certified in accordance with ISO 15848-1 BH-CO1 and CH-CO3.

Options

- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manually actuated or automated valves.
- Available with seats in TF4215.
- Stainless steel extended spindle type 8007 for insulation.

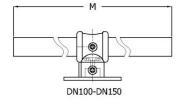


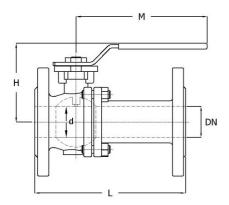
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Ball Valves | Ball valves with flange connection





Size table:

| DN | d | L | Н | М |
|-------|------|-----|-----|-----|
| | mm | mm | mm | mm |
| DN15 | 15 | 130 | 79 | 145 |
| DN20 | 20 | 150 | 84 | 145 |
| DN25 | 25 | 160 | 91 | 175 |
| DN32 | 32 | 180 | 103 | 175 |
| DN40 | 38 | 200 | 111 | 194 |
| DN50 | 50 | 230 | 120 | 194 |
| DN65 | 63.5 | 290 | 150 | 265 |
| DN80 | 76 | 310 | 160 | 265 |
| DN100 | 100 | 350 | 182 | 400 |

| Pressure and temperature range | | | | | | | | |
|--------------------------------|-----------------|-----|----|-----|-----|-----|-------|--|
| DN | Pressure rating | -10 | 50 | 100 | 150 | 200 | [°C] | |
| DN15-DN50 | PN40 | 39 | 37 | 33 | 30 | 19 | [bar] | |
| DN65-DN100 | PN16 | 16 | 15 | 13 | 13 | 11 | [bar] | |

| Nominal inner diameter | Pressure rating | Face to Face norm | Manual operation | Mounting flange | Mounting flange 2 | Bore | With locking device | Material ball | Actuator material | Article |
|------------------------------|--------------------|----------------------|---------------------|--------------------|----------------------|-----------|------------------------|---------------|----------------------|----------|
| DN15 | PN40 | EN 558, Series 1 | Handle | F03 | F04 | Full bore | Yes | 1.4408 | 1.4301 | 13641961 |
| DN20 | PN40 | EN 558, Series 1 | Handle | F03 | F04 | Full bore | Yes | 1.4408 | 1.4301 | 13641977 |
| DN25 | PN40 | EN 558, Series 1 | Handle | F04 | F05 | Full bore | Yes | 1.4408 | 1.4301 | 13641809 |
| DN32 | PN40 | EN 558, Series 1 | Handle | F04 | F05 | Full bore | Yes | 1.4408 | 1.4301 | 13641978 |
| DN40 | PN40 | EN 558, Series 1 | Handle | F05 | F07 | Full bore | Yes | 1.4408 | 1.4301 | 13641956 |
| DN50 | PN40 | EN 558, Series 1 | Handle | F05 | F07 | Full bore | Yes | 1.4408 | 1.4301 | 14029631 |
| DN65 | PN16 | EN 558, Series 1 | Handle | F07 | F10 | Full bore | Yes | 1.4408 | 1.4301 | 13641957 |
| DN80 | PN16 | EN 558, Series 1 | Handle | F07 | F10 | Full bore | Yes | 1.4408 | 1.4301 | 13641976 |
| DN100 | PN16 | EN 558, Series 1 | T-wrench | F10 | | Full bore | No | 1.4408 | Steel, galvanized | 13642021 |

e or e advice.
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