

ECON® Ball valve Type: 7641 Stainless steel Butt welded loose end EN ISO 1127-1 400 PSI WOG



Characteristics

Type: 7641
Norm: EN (DIN)
Construction type: 2-way
Housing construction: 3-part
Housing material: Stainless steel
Material quality: 1.4408
Connection: Butt welded loose end
Standard welding connection: EN ISO 1127-1
Top flange standard: ISO 5211 Direct Mount
Spindle material: 1.4401
Primary spindle seal material: PTFE
Secondary spindle seal material: FPM (FKM)
Tertiary spindle seal material: PTFE
Body seal: PTFE
Material connection piece: ASTM A351 CF3M
Actuator material: 1.4301

Application

- Industrial applications up to 27 bar.
- Recommended in: Food & Beverages, Food primary processes (contact with food), Pharma

Technical Information

- Connection according to ISO1127-1, suitable for orbital welding.
- Floating ball.
- Pressure class 400 PSI WOG.
- In sizes 0.25–2inches.
- With "direct mount" top-flange in accordance with ISO-5211.
- Cavity relief bore in the ball.
- Double self-adjusting gland packing in accordance with TA Luft regulations.
- Equipped with lockable lever.

Construction

- Three-piece housing construction.
- Design in accordance with MSS SP-110.
- Full or reduced opening
- Equipped with anti-static design between ball, spindle and housing.

Execution

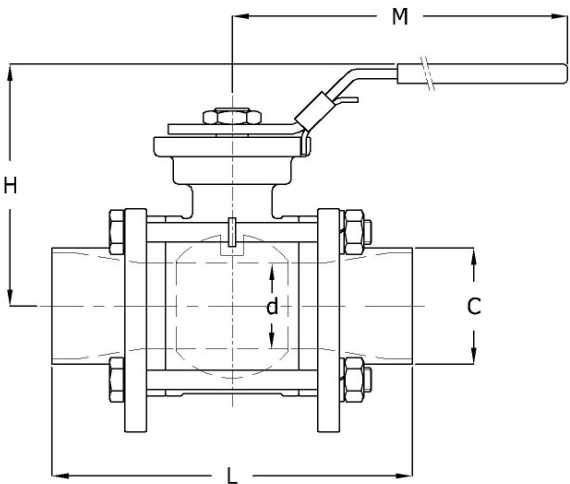
- Quick-weld model: fast, efficient mounting and positioning after welding via freely rotating butt-weld ends

Approval

- TA Luft certified in accordance with VDI 2440, section 3.3.1.3.
- Declaration of conformity according to EC 1935/2004.

Options

- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Also available with cavity fillers
- Stainless steel extended spindle type 8007 for insulation.
- With rotating butt-weld ends (quick-weld design) according to ASME B16.25, type 7654, EN 10357-A or EN 10357-D, type 7611, ASME B16.25 for cold applications down to -40°C, type 7645



Size table:

DN	d	L	H	M	C	Weight
	mm	mm	mm	mm	mm	kg
1/4" [8]	10.7	110	72	145	13.5	0.8

Pressure and temperature range							
Size	Temperature range	-29	38	100	150	200	[°C]
1/4" - 2"	-29°C/+200°C	27	25	23	15	1	[bar]
Pressure class 400 PSI WOG							

Nominal inner diameter	External tube diameter of connection mm	Wall thickness, connection mm	Pressure rating	Face to Face norm	Manual operation	Mounting flange	Mounting flange 2	Bore	Seat material	Article
1/4" [8]	13.5	1.6	400 PSI WOG	Manufacturer standard	Handle	F03	F04	Full bore	TFM 1600	EC0764101/4R-RWP

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.