



ECON® Ball valve Type: 7611 Stainless steel Butt welded loose end NEN EN10357 serie D 400 PSI WOG



Characteristics

Type: 7611
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: NEN EN10357 serie D
Top flange standard: ISO 5211 Direct Mount
Bore: Full bore
Material ball: 1.4408
Seat material: TFM 1600
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: 1.4404

Application

- Use in the food industry up to 27 bar
- Recommended in: Food & Beverages

Technical Information

- Connection according to EN10357-D (SMS 3008) with the exception of the 1" according to EN10357-D (Dutch dairy), suitable for orbital welding.
- Floating ball.
- Pressure class 400 PSI WOG.
- In sizes 1-4inches.
- 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, 4inches with T-wrench.

Construction

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

Execution

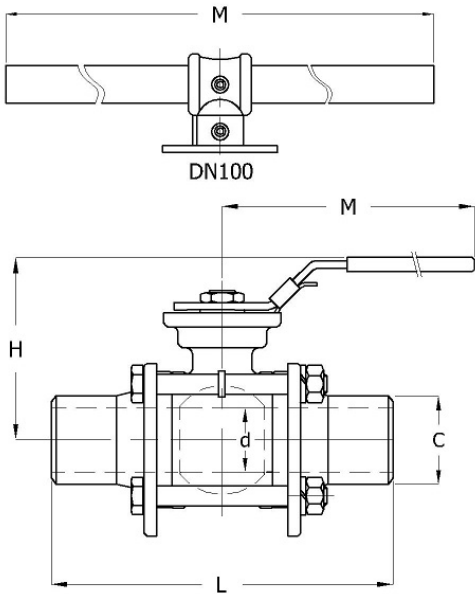
- Quick-weld model: fast, efficient mounting and positioning after welding via freely rotating butt-weld ends

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.
- Stainless steel extended spindle type 8007 for insulation.
- With swivelling butt-weld ends (quick-weld design) according to ISO 1127-1, type 7641, EN 10357-A, type 7611, ASME B16.25, Figure 7654, and 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" [25]	25	125	89	177	25.4	1.8
1.1/2" [40]	38	150	103	197	38.1	3.6
2" [50]	50	165	110	197	50.8	5.2
2.1/2" [65]	63.5	200	150	267	63.5	8.3
3" [80]	76	220	159	267	76.1	11.9
4" [100]	100	270	212	400	101.6	22.7

Pressure and temperature range							
Size	Temperature range	-29	38	100	150	200	[°C]
1" - 2"	-29°C/+200°C	27	27	27	22	1	[bar]
2.1/2" - 4"	-29°C/+200°C	27	27	27	16	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	With locking device	Actuator material	Article
1" [25]	25.4	1.25	400 PSI WOG	Manufacturer standard	Handle	F04	F05	Yes	1.4301	13691781
1.1/2" [40]	38.1	1.5	400 PSI WOG	Manufacturer standard	Handle	F05	F07	Yes	1.4301	13691796
2" [50]	50.8	1.5	400 PSI WOG	Manufacturer standard	Handle	F05	F07	Yes	1.4301	13691797
2.1/2" [65]	63.5	1.5	400 PSI WOG	Manufacturer standard	Handle	F07	F10	Yes	1.4301	13691840
3" [80]	76.1	1.5	400 PSI WOG	Manufacturer standard	Handle	F07	F10	Yes	1.4301	13691743
4" [100]	101.6	2	400 PSI WOG	Manufacturer standard	T-wrench	F10		No	Steel, galvanized	13691733

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