ECON® Ball valve Type: 7611 Stainless steel Butt welded loose end NEN EN10357 serie A 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 A
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
Pressure relief:

Application

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

Technical Information

- Connection according to EN10357-A (DIN 11850-2), suitable for orbital welding.
- Floating ball.
- Pressure class 400 PSI WOG.
- Sizes in DN10–DN100.
- 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, in DN100 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-D, type 7611, ASME B16.25, Figure 7654, and ASME B16.25 for cold applications down to -40°C, type 7645

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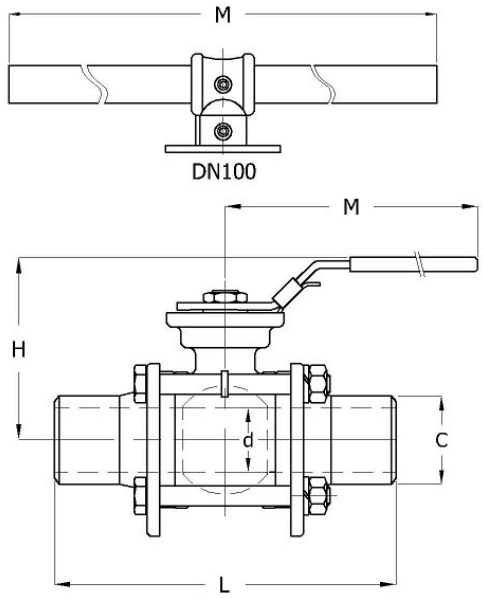

Size table:

DN	d	L	H	M	C	Weight
	mm	mm	mm	mm	mm	kg
DN10	10.6	110	72	147	13	0.8
DN15	15	110	72	147	19	0.9
DN20	20	120	79	147	23	1.3
DN25	25	125	89	177	29	1.8
DN32	32	140	93	177	35	2.6
DN40	38	150	103	197	41	3.6
DN50	50	165	110	197	53	5.2
DN65	63.5	200	150	267	70	8.3
DN80	76	220	159	267	85	11.9
DN100	100	270	212	400	104	22.7

Pressure and temperature range							
Size	Temperature range	-29	38	100	150	200	[°C]
DN10 - DN50	-29°C/+200°C	27	27	27	22	1	[bar]
DN65 - DN100	-29°C/+200°C	27	27	27	16	1	[bar]
Pressure class 400 PSI WOG							

Nominal inner diameter	External tube diameter of connection	Wall thickness, connection	Pressure rating	Face to Face norm	Manual operation	Mounting flange	Mounting flange 2	With locking device	Actuator material	Article
	mm	mm								
DN10	13	1.5	400 PSI WOG	Manufacturer standard	Handle	F03	F04	Yes	1.4301	12642878
DN15	19	1.5	400 PSI WOG	Manufacturer standard	Handle	F03	F04	Yes	1.4301	12642879
DN20	23	1.5	400 PSI WOG	Manufacturer standard	Handle	F03	F05	Yes	1.4301	12642880
DN25	29	1.5	400 PSI WOG	Manufacturer standard	Handle	F04	F05	Yes	1.4301	12559111
DN32	35	1.5	400 PSI WOG	Manufacturer standard	Handle	F04	F07	Yes	1.4301	12642881
DN40	41	1.5	400 PSI WOG	Manufacturer standard	Handle	F05	F07	Yes	1.4301	12642882
DN50	53	1.5	400 PSI WOG	Manufacturer standard	Handle	F05	F07	Yes	1.4301	12559112
DN65	70	2	400 PSI WOG	Manufacturer standard	Handle	F07	F10	Yes	1.4301	12642951
DN80	85	2	400 PSI WOG	Manufacturer standard	Handle	F07	F10	Yes	1.4301	14258682
DN100	104	2	400 PSI WOG	Manufacturer standard	T-wrench	F10		No	Steel, galvanized	14258683

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