



ECON® Ball valve Type: 7289ED Stainless steel Fire safe Pneumatic operated Double acting Flange PN16/40



Characteristics

Type: 7289ED
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
Actuator: Pneumatic operated
Operating principle: Double acting
Top flange standard: ISO 5211 Direct Mount
Secondary spindle seal material: FPM (FKM)
Tertiary spindle seal material: Graphite
Body seal: SWG 316L/PTFE/Graphite
Actuator material: Aluminium
Fire safe: Yes

Application

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

Technical Information

- Flanged connection in accordance with EN 1092-1.
- Pressure rating PN16 or PN40.
- Drive with multi-functional position display suitable for mechanical limit switches or double proximity sensors.
- Air supply and upper flanged connection of drive in accordance with NAMUR VDI/VDE 3845.

Construction

- Two-piece housing construction.
- Design of ball valve in accordance with EN 12516-1.
- Full bore.
- Ball valve equipped with anti-static design between ball and housing.
- Face-to-face dimension according to EN 558, series 27.

Approval

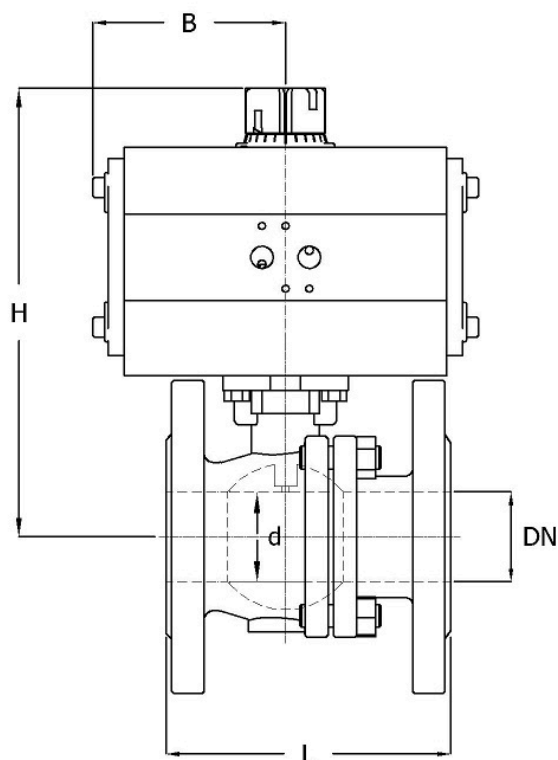
- Fugitive emission certified in accordance with TA-Luft VDI 2440 / VDI 3479.
- Fugitive emission certified in accordance with ISO 15848-1 BH-CO1 and CH-CO3.
- Fire-safe approval in accordance with ISO 10497 and API 607, sixth edition.
- Safety class of ball valve in accordance with IEC 61508 SIL 2.
- Safety class of drive in accordance with IEC 61508 SIL 2 (SIL 3 for redundant configuration).
- Declaration of conformity according to EC1935/2004.

Options

- With single-acting pneumatic drive [Fig. 7289ES].
- Position feedback.
- Stainless-steel extended spindle for insulation [Fig. 8007].

Size table:

DN	Pressure class	d	L	H	B	Weight
		mm	mm	mm	mm	kg
DN15	PN40	15	115	144	72.5	3.8
DN20	PN40	20	120	149	72.5	4.6
DN25	PN40	25	125	154.5	72.5	5.9
DN32	PN40	32	130	186	79	7.6
DN40	PN40	38	140	191	79	9
DN50	PN40	50	150	222	88.5	12.5
DN65	PN16	63.5	170	238.5	88.5	16.8
DN65	PN40	63.5	170	238.5	88.5	16.8
DN80	PN16	76	180	258.5	98	21.5
DN80	PN40	76	180	258.5	98	21.6
DN100	PN16	100	190	322	136.5	33.7
DN100	PN40	100	190	322	136.5	39
DN125	PN16	125	325	404	186	76.9
DN125	PN40	125	325	404	186	79.4
DN150	PN16	150	350	423	186	88.7
DN150	PN40	150	350	423	186	90.7
DN200	PN16	200	400	473.5	186	143.9
DN200	PN40	200	400	473.5	186	168.9



Nominal inner diameter	Pressure rating	Face to Face norm	Type coding actuator	Brand actuator	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Article
DN15	PN40	EN 558, Series 27	DA20	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533558
DN20	PN40	EN 558, Series 27	DA20	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533559
DN25	PN40	EN 558, Series 27	DA20	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533560
DN32	PN40	EN 558, Series 27	DA40	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533561
DN40	PN40	EN 558, Series 27	DA40	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533562
DN50	PN40	EN 558, Series 27	DA80	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533563
DN65	PN16	EN 558, Series 27	DA80	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533564
DN65	PN40	EN 558, Series 27	DA80	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533565
DN80	PN16	EN 558, Series 27	DA130	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533566
DN80	PN40	EN 558, Series 27	DA130	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533567
DN100	PN16	EN 558, Series 27	DA300	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533568
DN100	PN40	EN 558, Series 27	DA300	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533569
DN125	PN16	EN 558, Series 27	DA850	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533570
DN125	PN40	EN 558, Series 27	DA850	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533571

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Ball Valves | Automated ball valves with flange connection

Nominal inner diameter	Pressure rating	Face to Face norm	Type coding actuator	Brand actuator	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Article
DN150	PN16	EN 558, Series 27	DA850	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533572
DN150	PN40	EN 558, Series 27	DA850	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533573
DN200	PN16	EN 558, Series 27	DA850	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533574
DN200	PN40	EN 558, Series 27	DA850	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533575

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