



ECON® Ball valve Type: 7289ES Stainless steel Fire safe Pneumatic operated Single acting, spring closing Flange PN16/40



Characteristics

Type: 7289ES
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: Single acting, spring closing
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.

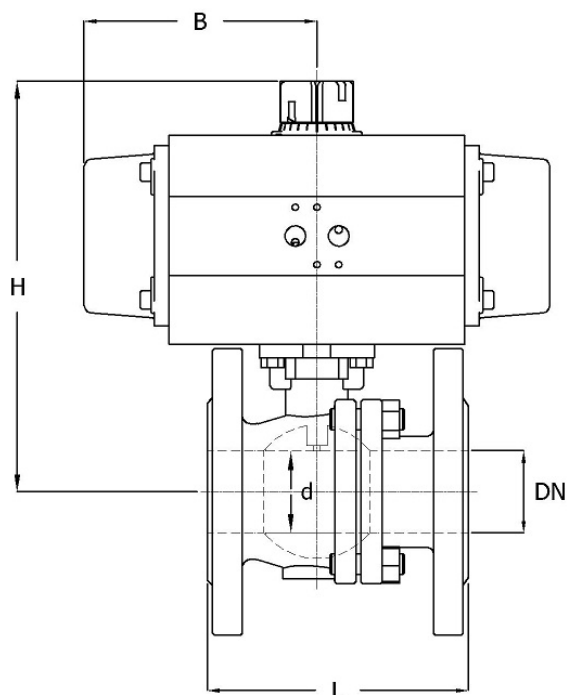
Approval

- 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 double-acting pneumatic drive [Fig. 7289ED].
- 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	81.5	6.9
DN20	PN40	20	120	149	81.5	4.7
DN25	PN40	25	125	173.5	97.5	6.8
DN32	PN40	32	130	208	108.5	9.1
DN40	PN40	38	140	213	108.5	10.5
DN50	PN40	50	150	232	129	14.3
DN65	PN16	63.5	170	266.5	149.5	21.1
DN65	PN40	63.5	170	266.5	149.5	21.1
DN80	PN16	76	180	293.5	174.5	28.5
DN80	PN40	76	180	293.5	174.5	28.6
DN100	PN16	100	190	339	198.5	40.6
DN100	PN40	100	190	339	198.5	45.9
DN125	PN16	125	325	432	280	94.3
DN125	PN40	125	325	432	280	96.8
DN150	PN16	150	350	482	300.5	117.8
DN150	PN40	150	350	482	300.5	119.8
DN200	PN40	200	400	532.5	300.5	198

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	SR20	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533524
DN20	PN40	EN 558, Series 27	SR20	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533525
DN25	PN40	EN 558, Series 27	SR40	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533526
DN32	PN40	EN 558, Series 27	SR80	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533527
DN40	PN40	EN 558, Series 27	SR80	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533528
DN50	PN40	EN 558, Series 27	SR130	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533529
DN65	PN16	EN 558, Series 27	SR200	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533530
DN65	PN40	EN 558, Series 27	SR200	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533531
DN80	PN16	EN 558, Series 27	SR300	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533532
DN80	PN40	EN 558, Series 27	SR300	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533533
DN100	PN16	EN 558, Series 27	SR500	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533534
DN100	PN40	EN 558, Series 27	SR500	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533535
DN125	PN16	EN 558, Series 27	SR1200	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533536
DN125	PN40	EN 558, Series 27	SR1200	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533537
DN150	PN16	EN 558, Series 27	SR1750	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533538

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Ball Valves | Automated ball valves with flange connection

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DN150	PN40	EN 558, Series 27	SR1750	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533539
DN200	PN16	EN 558, Series 27	SR1750	ECON	Full bore	1.4408	TFM 1600	1.4401	PTFE	12533540

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