

ECON® Trunnion mounted ball valve Type: 6249 Steel Flange PN16/40

Characteristics

Type: 6249
Norm: EN (DIN)
Construction type: 2-way
Housing construction: 2-part
Housing material: Steel
Material quality: 1.0619
Surface protection: Paint min. 60 µm
Connection: Flange
Flange finish: Raised face
Top flange standard: ISO 5211 Direct Mount
Secondary spindle seal material: FPM (FKM)
Tertiary spindle seal material: Graphite
Body seal: SWG 316L/Graphite

Application

- Heavy-duty industrial applications up to 16 or 40 bar.
- Liquid and gaseous media.
- Recommended in: Chemicals, tank Storage & AMP, industry.

Technical Information

- Ball valve mounted on pin.
- Pressure rating PN16 or PN40.
- With top-flange in accordance with ISO 5211 (direct mounting).

Construction

- Two-piece housing construction.
- Full flow capacity.
- Equipped with antistatic design between ball and housing.
- Seats with automatic pressure distribution (single piston effect, SPE).
- Ball supported by bearings.
- Spring-mounted seats.

Approval

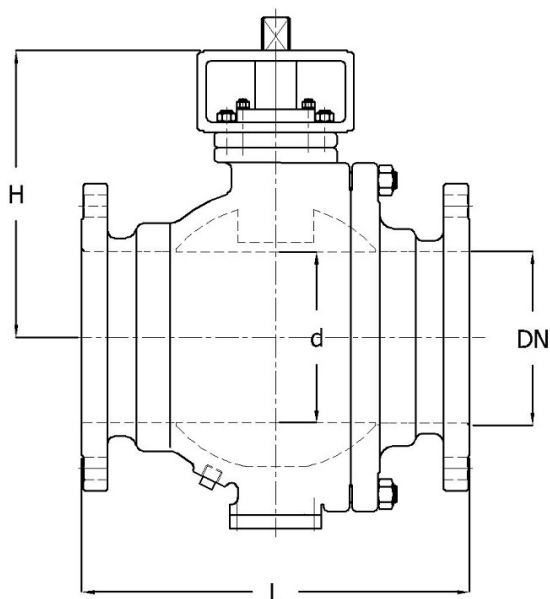
- Fire-safe design.

Options

- Can be equipped with pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Pressure class is PN10 or PN25.

Size table:

DN	Pressure class	d	L	H	Weight
		mm	mm	mm	kg
DN200	PN16	201	457	424	212
DN200	PN40	201	502	424	240
DN250	PN16	252	533	439	310
DN250	PN40	252	568	439	359
DN300	PN16	303	610	481	471
DN300	PN40	303	648	481	617



Nominal inner diameter	Pressure rating	Face to Face norm	Manual operation	Mounting flange	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Article
DN200	PN16	EN 558, Series 12	Bare stem	F14	Full bore	ASTM A182 F316	TFM 1600	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460228
DN200	PN16	EN 558, Series 12	Bare stem	F14	Full bore	ASTM A182 F316	TFM 4215	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460234
DN200	PN40	EN 558, Series 4	Bare stem	F14	Full bore	ASTM A182 F316	TFM 1600	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460229
DN200	PN40	EN 558, Series 4	Bare stem	F14	Full bore	ASTM A182 F316	TFM 4215	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460235
DN250	PN16	EN 558, Series 12	Bare stem	F16	Full bore	ASTM A182 F316	TFM 1600	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460230
DN250	PN16	EN 558, Series 12	Bare stem	F16	Full bore	ASTM A182 F316	TFM 4215	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460236
DN250	PN40	EN 558, Series 4	Bare stem	F16	Full bore	ASTM A182 F316	TFM 1600	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460231
DN250	PN40	EN 558, Series 4	Bare stem	F16	Full bore	ASTM A182 F316	TFM 4215	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460237
DN300	PN16	EN 558, Series 12	Bare stem	F25	Full bore	ASTM A182 F316	TFM 1600	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460232
DN300	PN16	EN 558, Series 12	Bare stem	F25	Full bore	ASTM A182 F316	TFM 4215	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460238
DN300	PN40	EN 558, Series 4	Bare stem	F25	Full bore	ASTM A182 F316	TFM 4215	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460239
DN300	PN40	EN 558, Series 4	Bare stem	F25	Full bore	ASTM A182 F316	TFM 1600	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460233

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