

ECON® Trunnion mounted ball valve Type: 6257 Steel Flange Class 300

Characteristics

Type: 6257
Norm: ASME
Construction type: 2-way
Housing construction: 2-part
Housing material: Steel
Material quality: ASTM A216 WCB
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 51bar.
- Liquid and gaseous media.
- Recommended in: Chemicals, tank Storage & AMP, industry.

Technical Information

- Ball valve mounted on pin.
- ASME pressure rating: class 300.
- 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

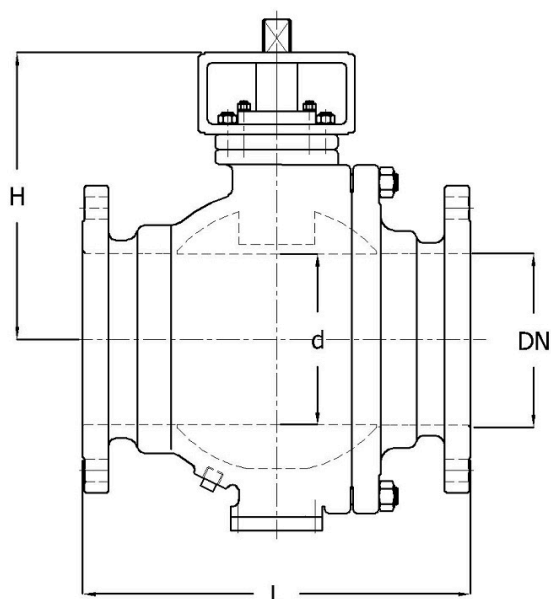
- Fire-safe design.

Options

- Can be equipped with pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.

Size table:

DN	d mm	L mm	H mm	Weight kg
8" [200]	201	457	424	251
10" [250]	252	533	439	370
12" [300]	303	610	481	633



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
8" [200]	Class 300	ASME B16.10, T2, Serie 8	Bare stem	F14	Full bore	ASTM A182 F316	TFM 4215	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460267
8" [200]	Class 300	ASME B16.10, T2, Serie 8	Bare stem	F14	Full bore	ASTM A182 F316	TFM 1600	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460264
10" [250]	Class 300	ASME B16.10, T2, Serie 8	Bare stem	F16	Full bore	ASTM A182 F316	TFM 1600	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460265
10" [250]	Class 300	ASME B16.10, T2, Serie 8	Bare stem	F16	Full bore	ASTM A182 F316	TFM 4215	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460268
12" [300]	Class 300	ASME B16.10, T2, Serie 8	Bare stem	F25	Full bore	ASTM A182 F316	TFM 4215	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460269
12" [300]	Class 300	ASME B16.10, T2, Serie 8	Bare stem	F25	Full bore	ASTM A182 F316	TFM 1600	ASTM 276 S31803 A (F51)	50% SS + 50% PTFE	14460266

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