



ECON® Ball valve Type: 7343 Steel Flange PN16/40

Characteristics

Type: 7343

Norm: EN (DIN)

Construction type: 2-way

Housing construction: 1-part

Housing material: Steel

Material quality: 1.0619

Surface protection: Acrylic polyurethane

Connection: Flange

Flange finish: Raised face

Top flange standard: ISO 5211 Direct Mount

Seat material: TFM 1600

Spindle material: 1.4301

Primary spindle seal material: PTFE

Secondary spindle seal material: FPM (FKM)

Tertiary spindle seal material: PTFE

Body seal: PTFE

Actuator material: 1.4301

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 200 °C

Fire safe: No

Application

- Industrial applications up to 16 or 40 bar.
- Liquid and gaseous media.

Technical Information

- Flanged connection in accordance with EN 1092-1.
- Floating ball.
- Pressure rating PN16 or PN40.
- With "direct mount" top-flange in accordance with ISO-5211.
- Media temperature: -10/+200°C.
- Acrylic polyurethane coating in RAL5015.
- DN15 to DN80 with lever and locking device.
- DN100 to DN150 with T-bar.

Construction

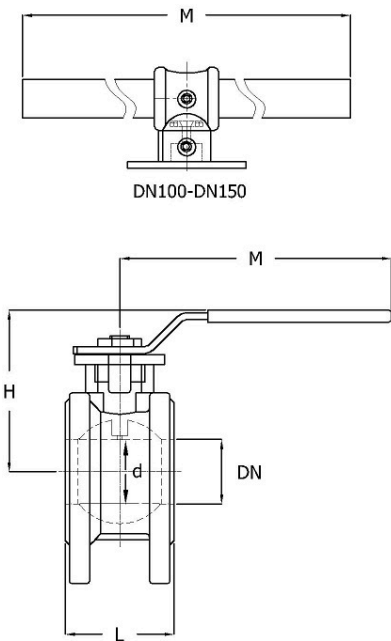
- One-piece housing construction.
- Design according to EN 12516-1.
- Full flow capacity.
- Equipped with antistatic design between ball and housing.
- Construction length according to manufacturer's standard.

Approval

- TA Luft certified in accordance with VDI 2440, Section 3.3.1.3.

Options

- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Available with seats in TFM4215.
- Stainless steel extended spindle type: 8007 for insulation.



Size table:

DN	d mm	L mm	H mm	M mm	Weight kg
DN25	25	50	92	175	2.4
DN40	38	65	114	194	4.9
DN100	95	150	182	400	22.7

Pressure and temperature range							
DN	Pressure class	-10	50	100	150	200	[°C]
DN15-DN150	PN16	16	15	13	13	11	[bar]
DN15-DN50	PN40	39	37	34	32	19	[bar]
DN65-DN100	PN40	39	37	34	28	16	[bar]
DN125-DN150	PN40	30	28	25	19	12	[bar]

Nominal inner diameter	Pressure rating	Face to Face norm	Manual operation	Mounting flange	Mounting flange 2	Bore	With locking device	Material ball	Maximum operating pressure bar	Article
DN25	PN40	Manufacturer standard	Handle	F04	F05	Full bore	Yes	1.4308	40	11814314
DN40	PN40	Manufacturer standard	Handle	F05	F07	Full bore	Yes	1.4308	40	11814316
DN100	PN16	Manufacturer standard	T-wrench	F10		Full bore	No	1.4308	16	11814320

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