



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
Face to Face norm: Manufacturer standard
Top flange standard: ISO 5211 Direct Mount
Bore: Full bore
Material ball: 1.4308
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
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

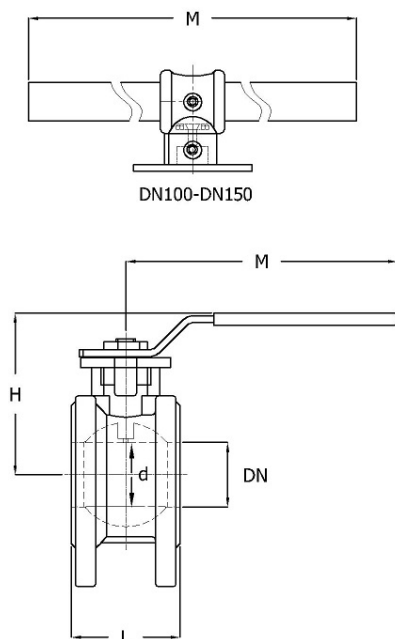
- One-piece housing construction.
- Design according to EN 12516-1.
- Full flow capacity.
- Equipped with antistatic design between ball and housing.
- Construction length according to manufacturer's standard.

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
					14.5
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	Manual operation	Mounting flange	Mounting flange 2	With locking device	Actuator material	Minimum medium temperature [continuous] °C	Maximum medium temperature [continuous] °C	Maximum operating pressure bar	Article
DN25	PN40	Handle	F04	F05	Yes	1.4301	-10	200	40	11814314
DN40	PN40	Handle	F05	F07	Yes	1.4301	-10	200	40	11814316
DN80	PN40	Handle	F07	F10	Yes					13361255
DN100	PN16	T-wrench	F10		No	1.4301	-10	200	16	11814320

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