



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



Characteristics

Type: 7343FS

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: Graphite

Body seal: SWG 316L/Graphite

Actuator material: 1.4301

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 200 °C

Fire safe: Yes

Application

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

Technical Information

- Flanged connection in accordance with EN1092-1.
- 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

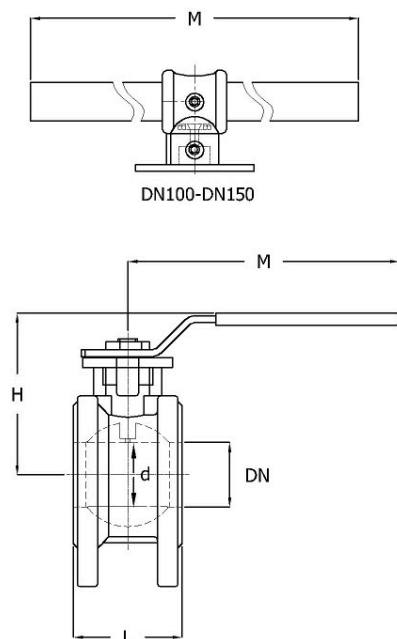
- One-piece housing construction.
- Design according to EN 12516-1.
- Full bore.
- Equipped with anti-static design between ball and housing.
- Face-to-face dimension according to manufacturer's standard.

Approval

- Fire-safe approval in accordance with ISO 10497 and API 607, seventh edition.
- 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 manually actuated 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
DN15	15	42	77	145	1.4
DN20	20	44	82	145	1.8
DN25	25	50	92	175	2.4
DN32	32	60	104	175	3.9
DN40	38	65	114	194	4.9
DN50	50	80	120	194	8.6
DN65	63.5	110	158	265	10.1
DN80	76	120	165	265	14.5
DN100	95	150	182	400	22.7
DN125	118	180	224	600	50
DN150	142	225	268	800	70

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
DN15	PN40	Manufacturer standard	Handle	F03	F04	Full bore	Yes	1.4308	40	14072898
DN20	PN40	Manufacturer standard	Handle	F03	F04	Full bore	Yes	1.4308	40	14072899
DN25	PN40	Manufacturer standard	Handle	F04	F05	Full bore	Yes	1.4308	40	14072900
DN32	PN40	Manufacturer standard	Handle	F04	F05	Full bore	Yes	1.4308	40	14072901
DN40	PN40	Manufacturer standard	Handle	F05	F07	Full bore	Yes	1.4308	40	14072902
DN50	PN40	Manufacturer standard	Handle	F05	F07	Full bore	Yes	1.4308	40	14072903
DN65	PN16	Manufacturer standard	Handle	F07	F10	Full bore	Yes	1.4308	16	14072904
DN80	PN16	Manufacturer standard	Handle	F07	F10	Full bore	Yes	1.4308	16	14072905
DN100	PN16	Manufacturer standard	T-wrench	F10		Full bore	No	1.4308	16	14072906
DN125	PN16	Manufacturer standard	T-wrench	F12		Full bore	No	1.4308	16	14072907
DN150	PN16	Manufacturer standard	T-wrench	F12		Full bore	No	1.4308	16	14072908

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