



ECON® Ball valve Type: 7383FS Stainless steel Fire safe Flange PN16/40

Characteristics

Type: 7383FS
Norm: EN (DIN)
Construction type: 2-way
Housing construction: 1-part
Housing material: Stainless steel
Material quality: 1.4408
Connection: Flange
Flange finish: Raised face
Top flange standard: ISO 5211 Direct Mount
Seat material: TFM 1600
Spindle material: 1.4401
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): -29 °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: -29/+200°C.
- DN15 to DN80 with lever and locking device.
- DN100 to DN150 with T-bar.

Construction

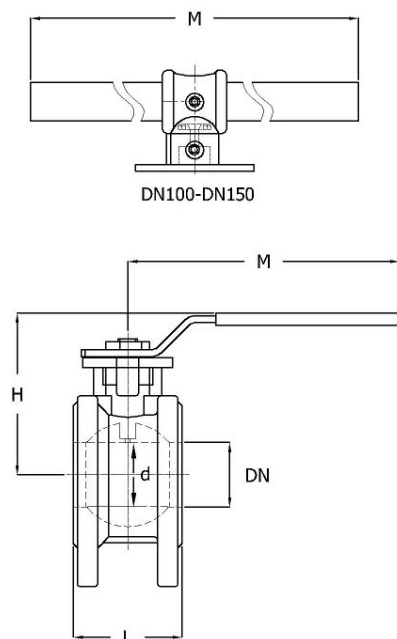
- One-piece housing construction.
- Design according to EN 12516-1.
- Full bore.
- Equipped with anti-static design between ball and housing.
- Face-to-face dimension according to manufacturer's standard.

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	-30	50	100	150	200	[°C]
DN15-DN150	PN16	16	15	13	13	11	[bar]
DN15-DN50	PN40	39	37	33	30	19	[bar]
DN65-DN100	PN40	39	37	33	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	1.4408	40	14072909
DN20	PN40	Manufacturer standard	Handle	F03	F04	Full bore	Yes	1.4408	40	14072910
DN25	PN40	Manufacturer standard	Handle	F04	F05	Full bore	Yes	1.4408	40	14072911
DN32	PN40	Manufacturer standard	Handle	F04	F05	Full bore	Yes	1.4408	40	14072912
DN40	PN40	Manufacturer standard	Handle	F05	F07	Full bore	Yes	1.4408	40	14072913
DN50	PN40	Manufacturer standard	Handle	F05	F07	Full bore	Yes	1.4408	40	14072914
DN65	PN16	Manufacturer standard	Handle	F07	F10	Full bore	Yes	1.4408	16	14072915
DN80	PN16	Manufacturer standard	Handle	F07	F10	Full bore	Yes	1.4408	16	14072916
DN100	PN16	Manufacturer standard	T-wrench	F10		Full bore	No	1.4408	16	14072917
DN125	PN16	Manufacturer standard	T-wrench	F12		Full bore	No	1.4408	16	14072918
DN150	PN16	Manufacturer standard	T-wrench	F12		Full bore	No	1.4408	16	14072919

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