

ECON® Ball valve Type: 7383FS Stainless steel Fire safe Flange Class 150





Type: 7383FS **Norm:** ASME

Construction type: 2-way
Housing construction: 1-part
Housing material: Stainless steel
Material quality: ASTM A351 CF8M

Connection: Flange Flange finish: Raised face Top flange standard: ISO 5211 Primary spindle seal material: PTFE

Secondary spindle seal material: FPM (FKM) **Tertiary spindle seal material:** Graphite

Body seal: SWG 316L/Graphite **Actuator material:** ASTM A351 CF8

Minimum medium temperature (continuous): -29 $^{\circ}\mathrm{C}$ Maximum medium temperature (continuous): 200 $^{\circ}\mathrm{C}$

Maximum operating pressure [Bar]: 20 bar

Fire safe: Yes

Application

- \bullet Industrial applications up to 20 bar.
- Liquid and gaseous media.
- Recommended in: Food & Beverages

Technical Information

- Flanged connection in accordance with ASME B16.5.
- Floating ball.
- Pressure rating Class 150.
- With top flange in accordance with ISO 5211.
- Media temperature: -29/+200°C.
- 1/2" to 3" with lever and locking device.
- 4" with T-bar.

Construction

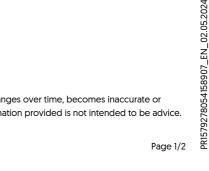
- One-piece housing construction.
- Design according to ASME B16.34.
- Full bore.
- Equipped with anti-static design between ball and housing.
- Face-to-face dimension according to manufacturer's standard.

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.

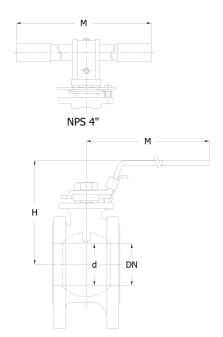
Options

- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manually actuated or automated valves.
- Available with seats in TFM4215.



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Ball Valves | Wafer ball valves



Size table:

DN	d	L	Н	М	Weight
	mm	mm	mm	mm	kg
1/2" (15)	15	42	91	137	1.4
3/4" (20)	20	44	94	137	1.8
1" (25)	25	50	99	172	2.4
1.1/2" [40]	38	65	117	202	4.9
2" (50)	50	80	126	202	8.6
3" (80)	76	120	162	252	14.5
4" (100)	100	150	212	400	22.7

Pressure and temperature range								
DN	Pressure class	-29	50	100	150	200	[°C]	
1/2" up to 2"	Class 150	20	19	18	16	14	[bar]	
3"and 4"	Class 150	20	19	18	16	11	[bar]	

Nominal inner diameter	Pressure rating	Face to Face norm	Manual operation	Mounting flange	Bore	With locking device	Material ball	Seat material	Spindle material	Article
1/2" (15)	Class 150	Manufacturer standard	Handle	F04	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449830
3/4" (20)	Class 150	Manufacturer standard	Handle	F04	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449831
1" (25)	Class 150	Manufacturer standard	Handle	F05	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449832
1.1/2" (40)	Class 150	Manufacturer standard	Handle	F07	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449833
2" (50)	Class 150	Manufacturer standard	Handle	F07	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449834
3" (80)	Class 150	Manufacturer standard	Handle	F10	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449835
4" (100)	Class 150	Manufacturer standard	T-wrench	F10	Full bore	No	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449836

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