# ECON<sup>®</sup> Ball valve Type: 7343FS Steel Fire safe Flange Class 150





**Characteristics Type:** 7343FS Norm: ASME Construction type: 2-way Housing construction: 1-part Housing material: Steel Material quality: ASTM A216 WCB Surface protection: Acrylic polyurethane **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): -10 °C Maximum medium temperature (continuous): 200 °C Maximum operating pressure [Bar]: 20 bar Fire safe: Yes

#### **Application**

- Industrial applications up to 20 bar.
- Liquid and gaseous media.

# **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: -10/+200°C.
- Acrylic polyurethane coating in RAL5015.
- 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

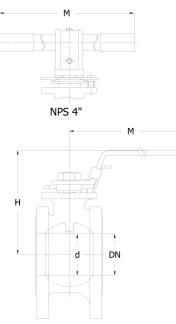
- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manually actuated or automated valves.
- Available with seats in TFM4215.

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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	-10	50	100	150	200	[°C]	
1/2" up to 2"	Class 150	20	20	19	17	14	[bar]	
3"and 4"	Class 150	20	20	19	17	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	14449823
3/4" (20)	Class 150	Manufacturer standard	Handle	F04	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449824
1" (25)	Class 150	Manufacturer standard	Handle	F05	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449825
1.1/2" (40)	Class 150	Manufacturer standard	Handle	F07	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449826
2" (50)	Class 150	Manufacturer standard	Handle	F07	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449827
3" (80)	Class 150	Manufacturer standard	Handle	F10	Full bore	Yes	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449828
4" (100)	Class 150	Manufacturer standard	T-wrench	F10	Full bore	No	ASTM A351 CF8M	TFM 1600	ASTM A276 316	14449829

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