



ECON® Butterfly valve Type: 6830TFM Ductile cast iron/ Stainless steel Bare stem Lug type



Characteristics

Type: 6830TFM

Norm: EN (DIN)

Valve design: Centric

Housing material: Ductile cast iron

Material quality: EN-JS1030

Surface protection: Polyester powder coating min. 200µm

Connection: Lug type

Face to Face norm: EN 558, Series 20

Operation: Bare stem

Top flange standard: ISO 5211 Direct Mount

Housing lining: Replaceable

Disk material: Stainless steel

Quality class disc: 1.4408

Approvals: DoC EC1935/2004 FDA

Application

- Foodstuff and light industrial applications.
- Foodstuff applications that must comply with the EC 1935 standard.
- Recommended in: Food & Beverages

Technical Information

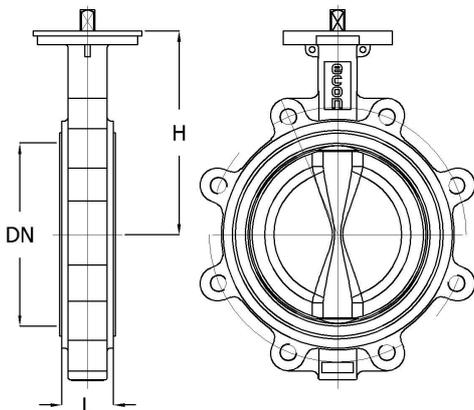
- Full-length shaft-valve disc construction.
- Long neck for isolation.
- With "direct mount" top flange in accordance with ISO 5211.
- Bronze bearing bushings.
- Vulcanised, PTFE (TFM1600) coated EPDM rubber lining, fixed on plastic ring, replaceable.
- Polished stainless steel valve disc.

Approval

- This butterfly valve complies with EC 1935. This standard applies to all materials that come into direct or indirect contact with foodstuffs.

Options

- Pneumatic, electric or hydraulic actuators.
- Position feedback for manually operated or automated valves.



Size table:

DN	H mm	L mm	Weight kg
DN40	115	33	2.3
DN50	143	43	3.6
DN65	156	46	4.2
DN80	162	46	4.7
DN100	181	52	7.5
DN125	197	56	10.2
DN150	210	56	11
DN200	240	60	17
DN250	286	68	31
DN300	309	78	44

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Pressure and temperature range				
DN	Liner	Pressure rating	Temperature range	Max. working pressure
DN40-DN150	TFM	PN16	-10°/+110°C	16 bar
DN200-DN300	TFM	PN10	-10°/+110°C	10 bar

Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face length	Material liner	Spindle material	Quality class spindle	Minimum medium temperature [continuous]	Maximum medium temperature [continuous]	Article
			mm				°C	°C	
DN40	PN10	PN10/16	33	TFM	Stainless steel	1.4057	-10	110	13473186
DN50	PN10	PN10/16	43	TFM	Stainless steel	1.4057	-10	110	13473187
DN65	PN10	PN10/16	46	TFM	Stainless steel	1.4057	-10	110	13473188
DN80	PN10	PN10/16	46	TFM	Stainless steel	1.4057	-10	110	13473189
DN100	PN10	PN10/16	52	TFM	Stainless steel	1.4057	-10	110	13473190
DN125	PN10	PN10/16	56	TFM	Stainless steel	1.4057	-10	110	13473191
DN150	PN10	PN10/16	56	TFM	Stainless steel	1.4057	-10	110	13473192
DN200	PN10	PN10	60	TFM	Stainless steel	1.4057	-10	110	13473193
DN250	PN10	PN10	68	TFM	Stainless steel	1.4057	-10	110	13473194
DN300	PN10	PN10	78	TFM	Stainless steel	1.4057	-10	110	13473195

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