



ECON® Butterfly valve Type: 6832 Ductile cast iron/Stainless steel Centric Gearbox Lug type

Characteristics

Type: 6832

Norm: EN (DIN)

Valve design: Centric

Housing material: Ductile cast iron

Material quality: EN-JS1030

Surface protection: Epoxy coating (in- and external)

Connection: Lug type

Face to Face norm: EN 558, Series 20

Operation: Gearbox

Top flange standard: ISO 5211 Direct Mount

Housing lining: Replaceable

Disk material: Stainless steel

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 110 °C

Application

- Industrial applications such as water, hydrocarbons and slightly corrosive fluids and gases.
- Supply systems (HVAC), greenhouse construction, pulp and paper.
- Vacuum systems.
- Recommended in: Utilities

Technical Information

- With replaceable lining, vulcanised on a phenol or aluminium back-up ring.
- One-piece spindle in an anti-blowout design.
- With "direct mount" top-flange in accordance with ISO 5211.
- Long neck for insulation purposes.
- Three-point spindle bearing for excellent life cycle management.
- Grooved connection between the spindle and the valve disc for DN50 to DN300, larger formats have a plug-in connection between the spindle and the valve disc.
- Bronze bearing bushings.
- Housing with polyester powder coating, minimum thickness of 200 µm and RAL colour 5015.
- Version with worm gearbox.
- Dimensions for DN50 to DN600 [2" to 24"].
- Flanged connection pressure class for DN50 to DN300 [2" to 6"]: PN10 and PN16 or class 150, DN200 to DN600 [8" to 24"]: PN10, PN16 or class 150.
- Maximum medium temperature depending on the lining: EPDM: -10°C to +110°C, NBR: -10°C to +80°C, FPM [FKM]: -10°C to +180°C.

Construction

- Threaded eye connection.
- Design in accordance with EN 593, API 609 and ASME B16.34.
- Standard design with pressure class PN16 for DN50 to DN150 and PN10 or PN16 for DN200 to DN600.
- Construction length in accordance with EN 558 series 20, ISO 5752 series 20 and API 609 category A.
- Suitable for fitting with flanges in accordance with EN 1092-1 (flange type 11) and ASME B16.5.
- Bi-directional bubble-tight sealing in accordance with EN 12266 and API 598.

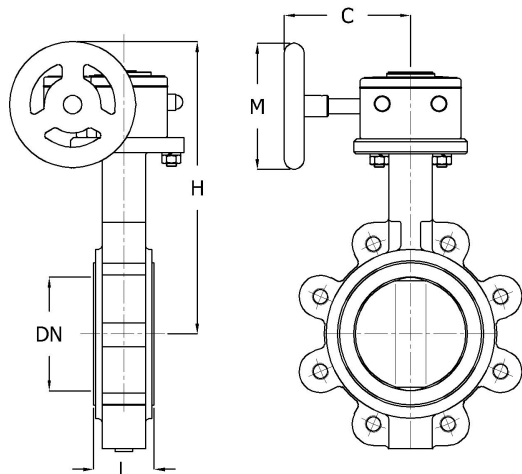
Options

- Manually operated, pneumatic, electric or (electro-) hydraulic actuators.
- Position feedback for manually operated or automated valves.

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Size table:

DN	C	H	L	M	Weight
	mm	mm	mm	mm	kg
DN200	179	347	60	160	20
DN250	197	414	68	200	35.4



DN	Liner	Pressure and temperature range		Max. working pressure
		Pressure class	Temperature range	
DN200-DN300	NBR or EPDM	PN16	NBR -10°/+80°C, EPDM -10°/+110°C	16 bar
DN200-DN400	NBR or EPDM	PN10	NBR -10°/+80°C, EPDM -10°/+110°C	10 bar

Nominal inner diameter	Standard connection	Pressure rating	Pressure rating flange	Face to Face length	Material liner	Quality class disc	Spindle material	Quality class spindle	Actuator material	Article
				mm						
DN200	EN (DIN)	PN10	PN10	60	EPDM	1.4408	Stainless steel	1.4057	Aluminium	EC06832E200-DCAA
DN250	EN (DIN)	PN10	PN10	68	EPDM	1.4408	Stainless steel	1.4057	Aluminium	EC06832E250-DCAA

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