ECON® Butterfly valve Type: 4631 KIWA Ductile cast iron/ Duplex Squeeze handle Flange

Characteristics

Type: 4631 KIWA
Norm: EN (DIN)
Valve design: Centric
Housing material: Ductile cast iron
Material quality: EN-JS1030
Surface protection: Paint min. 250 µm
Connection: Flange
Standard connection: EN (DIN)
Face to Face norm: EN 558, Series 13
Operation: Squeeze handle
Top flange standard: ISO 5211 Direct Mount
Housing lining: Vulcanized
Disk material: Duplex
Quality class disc: 1.4470

Application

- For drinking water up to a maximum of 30°C.
- Suitable for vacuum applications.

Technical Information

- Double flange of butterfly valve type with centric disc bearings.
- Robust construction with full-length shaft.
- Short construction length in accordance with ISO5752/EN558 Series 13 (DIN3202 F16).
- Vulcanised lining fixed on the housing, which also extends over the sealing surfaces of the flange.
- Version with lever.
- Standard with exterior coating of epoxy in RAL5015 and a layer thickness of 250mu.
- Fully functional mounted with Econ® lever (type 4001).
- Housing suitable for mounting between flanges in accordance with DIN PN10 or PN16.

Approval

- Fully certified in accordance with KIWA evaluation guideline K602 for use in drinking water production and drinking water distribution systems.

Options

- Other materials and/or pressure classes.
- Available with EN 10204.31 certification.
- Equipped with worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Coating according to customer specifications.

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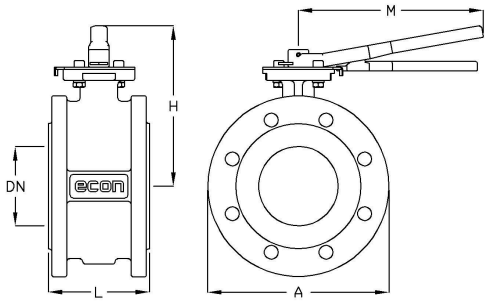

Size table:

DN	A	H	L	M	Weight
	mm	mm	mm	mm	kg
DN50	165	175	108	232	11
DN65	185	183	112	232	13
DN80	200	190	114	232	15
DN100	228	204	127	232	17
DN125	254	229	140	329	21
DN150	285	249	140	329	26
DN200	343	273	152	329	36

Pressure and temperature range				
Size	Liner	Pressure rating	Temperature range	Maximum working pressure
DN50 - DN200	EPDM	PN10	0°/+30°C	10 bar

Nominal inner diameter	Pressure rating	Face to Face length	Material liner	Spindle material	Quality class spindle	Minimum medium temperature (continuous)	Maximum medium temperature (continuous)	Article
		mm				°C	°C	
DN50	PN10	108	EPDM-KIWA	Duplex	1.4462	-10	30	13188510
DN65	PN10	112	EPDM-KIWA	Duplex	1.4462	-10	30	13188512
DN80	PN10	114	EPDM-KIWA	Duplex	1.4462	-10	30	13188525
DN100	PN10	127	EPDM-KIWA	Duplex	1.4462	-10	30	13188527
DN125	PN10	140	EPDM-KIWA	Duplex	1.4462	-10	30	13188528
DN150	PN10	140	EPDM-KIWA	Duplex	1.4462	-10	30	13188531
DN200	PN10	152	EPDM-KIWA	Duplex	1.4462	-10	30	13188532

PR15792780340775 61_EN_18.05.2024