



ECON® Butterfly valve Type: 4630 KIWA Ductile cast iron/ Duplex Centric Bare stem Flange



Characteristics

Type: 4630 KIWA

Norm: EN (DIN)

Valve design: Centric

Housing material: Ductile cast iron

Material quality: EN-JS1030

Surface protection: Paint min. 250 µm

Connection: Flange

Face to Face norm: EN 558, Series 13

Operation: Bare stem

Top flange standard: ISO 5211 Direct Mount

Housing lining: Vulcanized

Disk material: Duplex

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 ISO 5752/EN 558 Series 13 (DIN 3202 F16).
- Vulcanised lining fixed on the housing, which also extends over the sealing surfaces of the flange.
- Standard with exterior coating of epoxy in RAL 5015 and a layer thickness of 250µm.
- Version with free shaft end (no actuation).
- Housing suitable for mounting between flanges in accordance with DIN PN10 or PN16.

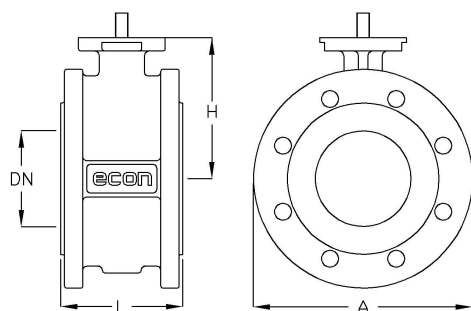
Approval

- 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 lever, worm gearbox and pneumatic, electric or hydraulic actuators.
- Position feedback for manual or automated valves.
- Coating according to customer specifications.

Size table:



DN	A	H	L	Weight
	mm	mm	mm	kg
DN50	165	118	108	7
DN80	200	133	114	10
DN350	505	315	190	170
DN400	565	350	216	101
DN450	615	375	222	123
DN500	670	415	229	170
DN600	780	465	267	231

Pressure and temperature range

Size	Lining	Pressure rating	Temperature range	Maximum operating pressure
DN50 - DN600	EPDM	PN10	0°/+30°C	10 bar

Nominal inner diameter	Standard connection	Pressure rating	Face to Face length	Material liner	Quality class disc	Spindle material	Quality class spindle	Minimum medium temperature [continuous]	Maximum medium temperature [continuous]	Article
			mm					°C	°C	
DN50	EN (DIN)	PN10	108	EPDM-KIWA	1.4470	Duplex	1.4462	-10	30	12362563
DN80	EN (DIN)	PN10	114	EPDM-KIWA	1.4470	Duplex	1.4462	-10	30	12726008
DN350	EN (DIN)	PN10	190	EPDM-KIWA	1.4470	Duplex	1.4462	-10	30	12641692
DN400	EN (DIN)	PN10	216	EPDM-KIWA	1.4470	Duplex	1.4462	-10	30	12270225
DN450	EN (DIN)	PN10	222	EPDM-KIWA	1.4470	Duplex	1.4462	-10	30	12726004
DN500	EN (DIN)	PN10	229	EPDM-KIWA	1.4470	Duplex	1.4462	-10	30	12726005
DN600	EN (DIN)	PN10	267	EPDM-KIWA	1.4470	Duplex	1.4462	-10	30	12726006

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