



ECON® Butterfly valve Type: 4633 KIWA Ductile cast iron/ Duplex Gearbox Flange



Characteristics

Type: 4633 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: Gearbox
Brand actuator: ECON
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

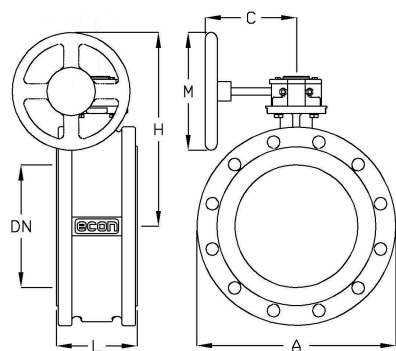
- Double flange of butterfly valve type with centric disc bearings.
- Robust construction with full-length shaft.
- Short construction length in accordance with ISO5752/EN558 Series 13 (DIN3202 F16).
- Vulcanised lining fixed on the housing, which also extends over the sealing surfaces of the flange.
- Standard with exterior coating of epoxy in RAL5015 and a layer thickness of 250µm.
- Fully functional mounted with Econ® worm gearbox [type 4023].
- 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 and pneumatic, electric or hydraulic actuator.
- Position feedback for manual or automated valves.
- Coating according to customer specifications.



Size table:

DN	A	C	H	L	M	Weight
mm	mm	mm	mm	mm	mm	kg
DN100	228	100	201	127	100	18
DN125	254	100	214	140	100	20
DN150	285	100	234	140	100	23
DN200	343	159	267	152	125	36
DN250	405	159	308	165	200	51
DN300	445	201	358	178	315	61
DN350	505	189	407	190	400	84
DN400	565	189	442	216	400	115
DN450	615	230	477	222	400	145
DN500	670	230	517	229	400	192
DN600	780	275	591	267	400	263

Nominal inner diameter	Pressure rating	Face to Face length	Type coding actuator	Material liner	Spindle material	Quality class spindle	Minimum medium temperature [continuous]	Maximum medium temperature [continuous]	Article
		mm					°C	°C	
DN100	PN10	127	AB 150N	EPDM-KIWA	Duplex	1.4462	-10	30	14098979
DN125	PN10	140	AB 150N	EPDM-KIWA	Duplex	1.4462	-10	30	14098980
DN150	PN10	140	AB 150N	EPDM-KIWA	Duplex	1.4462	-10	30	13533773
DN200	PN10	152	AB 210N	EPDM-KIWA	Duplex	1.4462	-10	30	13516397
DN250	PN10	165	AB 215N	EPDM-KIWA	Duplex	1.4462	-10	30	13516398
DN300	PN10	178	AB 550N	EPDM-KIWA	Duplex	1.4462	-10	30	13516395
DN350	PN10	190	AB 880N	EPDM-KIWA	Duplex	1.4462	-10	30	14098981
DN400	PN10	216	AB 880N	EPDM-KIWA	Duplex	1.4462	-10	30	13516400
DN450	PN10	222	AB 1250N	EPDM-KIWA	Duplex	1.4462	-10	30	14098982
DN500	PN10	229	AB 1250N	EPDM-KIWA	Duplex	1.4462	-10	30	13533748
DN600	PN10	267	AB 1950N	EPDM-KIWA	Duplex	1.4462	-10	30	13516401

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