



ECON® Butterfly valve Type: 4622 Ductile cast iron/ **Aluminum bronze Centric Gearbox Flange**





Characteristics

Type: 4622 Norm: EN (DIN) Valve design: Centric

Housing material: Ductile cast iron Material quality: EN-JS1030

Surface protection: Paint min. 60 µm

Connection: Flange

Face to Face norm: EN 558. Series 13

Operation: Gearbox

Top flange standard: ISO 5211 Direct Mount

Housing lining: Vulcanized Disk material: Aluminum bronze

Maximum medium temperature (continuous): 120 °C

Application

- Maritime systems such as machinery rooms, ballast systems and outboard motor locks.
- Especially suitable for sea water due to the aluminium bronze valve disc.
- Suitable for vacuum applications and applications with high flow speeds.

Technical Information

- Vulcanised lining fixed on the housing, which also extends over the sealing surfaces of the flange.
- Robust construction with full-length shaft.
- Equipped with worm gearbox.
- Suitable as end fitting for the full pressure range.
- Standard with polyurethane outer coating in RAL 5015.

Construction

- Double flange of butterfly valve type with centric disc bearings.
- Design in accordance with EN 593.
- Short construction length in accordance with ISO 5752/EN 558 Series 13 (DIN 3202 F16).
- Suitable for mounting with flanges according to EN 1092-2 PN10 or PN16.

Approval

- With Lloyd's register type approval (DN50-DN500), including applications such as "fire main insulating
- Possible disassembly by Lloyd's, Veritas, DNV-GL, RINA and ABS testing laboratory.

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.

DN	Α	В	С	Н	L	М	Type gearbox	Weight	Kvs-value
mm	mm	mm	mm	mm	mm	mm		[kg]	m3/h
50	165	42,5	112	167	108	100	232-05	11	70
65	185	42,5	112	175	112	100	232-05	13	220
80	200	42,5	112	182	114	100	232-05	15	351
100	228	42,5	112	196	127	100	232-05	17	610
125	254	50	170	214	140	160	232-07	22	1078
150	285	50	170	234	140	160	232-07	29	1552
200	343	50	170	258	152	160	232-07	37	2759

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

PR2239147987288561_EN_27.04.2024

Butterfly Valves | Butterfly valves flanged

DN	А	В	С	н	L.	М	Type gearbox	Weight	Kvs-value
mm	mm	mm	mm	mm	mm	mm		[kg]	m3/h
250	405	60	198	316	165	200	232-10	54	4310
300	445	60	198	341	178	200	232-10	65	6207
350	505	80	304	395	190	315	232-12	97	11545
400	565	80	304	430	216	315	232-12	131	13520

Size	Liner	Pressure rating	Temperature range	Max. oper. pressure	
DN50-DN600	NBR or EPDM	PN16	NBR -10°/+80°C, EPDM -10°/+120°C	16	[bar]
DN200-DN600	NBR or EPDM	PN10	NBR -10°/+80°C, EPDM -10°/+120°C	10	[bar]

Nominal inner diameter	Standard connection	Pressure rating	Face to Face length	Material liner	Quality class disc	Spindle material	Quality class spindle	Actuator material	Minimum medium temperature (continuous)	
			mm						°C	
DN65	EN (DIN)	PN16	112	EPDM	CC333G	Stainless steel	1.4122	Aluminium	-10	EC4622E0065- LGBD

and Page 2/2 PKS239147987288561_EN_27.04.2024 Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.