Butterfly, AT 2310B



Product information

High-quality valve made of ductile iron with a duplex stainless steel disc and vulcanized lining, ensuring a long product life cycle. The NBR rubber used in the valve is ideal for applications where oil is mixed in with the media. The connection is flanged according to EN1092. The valve has low torque and low pressure drop. Choose the AT 2310B butterfly valve for reliable and efficient operation.

Dimension range (DN)	50 - 300
PN	10 - 16
Temperature (°C)	0 - 80
Main material	Ductile iron

Area of use

This product is of the highest quality. Pressure class PN16, and temperature range from 0°C to 80°C. Dimension range from DN50 to DN300. With this product, you can be sure that you are getting a reliable and robust solution for your needs.

Tender text

PSB.2 Rotary butterfly valves

Quality assurance

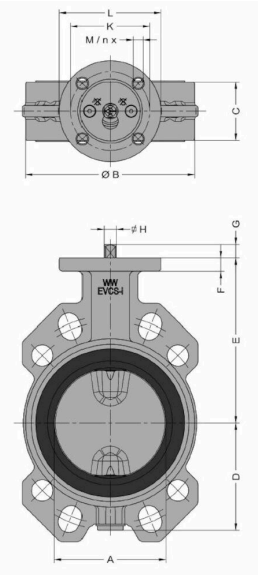
PED 2014/68/EU
The product is CE marked

Pos	Component	Material
1	Valve body	Ductile iron GJS-400-15 (GGG40)
2	Disc	Stainless steel (1.4470)
3	Lining	NBR (nitrile butadiene rubber)
4	Lever	Cast iron

Measurements and weight

Dimension range (DN): 50 - 300

Item number	A	B	C	D	E	F	G	Net weight (kg)
2310B-50	50	100	43	63	118	12	15	3
2310BV80	80	130	46	78	133	12	15	6
2310BV150	150	210	56	133	180	14	16	12
2310BV300	300	371	78	219	270	15	24	36.85
2310BS100	100	150	52	98	147	122	34	6



Function and design

Fully sealing, maintenance-free butterfly valve with centrally positioned disc, split spindle, and fully enclosed housing with vulcanized rubber lining that eliminates the risk of crevice corrosion, protects the valve housing internally against corrosion, and serves as a flange gasket. The manufacturing process ensures excellent sealing and increased service life as wear on the lining is eliminated. The profile of the disc is crucial for achieving good flow characteristics, which in the long term leads to minimized energy losses. The valve is tight regardless of the flow direction.

Valve body with semi-LUG mounting lugs for single-sided mounting. AT 2311B is equipped with mounting ears up to DN 300. Hole pattern DN40-DN300 fits flanges PN6/PN10/PN16 and CL150. The AT 2311B DN 40-300 butterfly valve is supplied as standard with a high spindle neck for over-insulation. Overall length according to SS-EN 558, series 20.
Top flange according to ISO 5211.

Standard surface treatment class C3 according to ISO 12944.
For outdoor installation where there are significant amounts of air pollution or moderate amounts of salt, such as in industrial and coastal areas,
class C4 is recommended without rain protection.

Technical data

Main material: Ductile iron
Main material code: Ductile iron GJS-400-15 (GGG40)
Included materials: Ductile iron, Stainless steel, Rubber
Included material code: Ductile iron GJS-400-15 (GGG40), NBR (nitrile butadiene rubber), Stainless steel (1.4470)
Temperature (°C): 0 - 80
PN: 10 - 16
Connection: Flanged EN1092
ETIM classification: EC010910 - Butterfly valve
BK04 code: 20706 Single-leaf dampers
Product colour: RAL 2000 - Yellow orange

Item number	KVS	Connection according to ISO 5211	Stem type	Stem measurments	Required torque (Nm)	Leakagerate
2310B-50	95		Parallel square	9x9mm	6	
2310BV80	491	F07	Parallel square	9x9mm	16	Rate A acc. to EN 12266-1:2012
2310BV150	1945	F07	Parallel square	14x14mm	65	Rate A acc. to EN 12266-1:2012
2310BV300	9570	F10	Parallel square	22x22mm	394	Rate A acc. to EN 12266-1:2012
2310BS100						

Installation and maintenance

The valve is intended to be mounted between flanges, without gaskets, and where possible with the shafts in a horizontal position, avoid mounting the valve with the shaft downwards. In case of unilateral mounting, bolts and nuts shall not be tightened with a higher torque than specified in the table of the relevant standard. The valve should be exercised regularly to avoid the accumulation of dirt that can lead to leakage.

The company's management system
is certified by DNV
ISO 9001 • ISO 14001

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