Butterfly valve AT 2315-



Product information

High-quality fully-sealed butterfly valve with a stainless steel disc and a fixed vulcanized EPDM rubber liner. Full-LUG design. Also suitable for vacuum and as an end valve with a hand lever, worm gear, or actuator.

Dimension range (DN)	50 - 2200
PN	10 - 16
Temperature (°C)	-20 - 110
Main material	Ductile iron

Area of use

For shut-off and regulation. Hot and cold water:
- Heating and cooling systems
- Glycol mixed water
- Vacuum
- Neutral gases

EPDM rubber: Hot water, air, neutral gases, some diluted inorganic acids, some alcohols (max 30%)
EPDM high temp: Cooling and heating water with an extended temperature range, -30°C to 130°C.

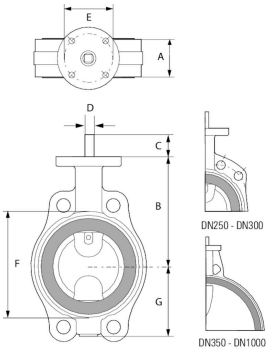
Tender text

PSB.2 Rotary butterfly valves
Butterfly valve AT 2315, with valve body made of ductile iron and a fixed vulcanized EPDM liner in the body, as well as a stainless steel disc. The disc is in full-lug design and suitable as an end valve.
AT 231xS with lever standard up to DN150,
AT 231xV with gear standard from DN200.

Quality assurance

AFS 2023:5, PED 2014/68/EU
The product is CE marked
Product marking: Brand, DN, PN, material according to SS-EN 27.

Pos	Component	Material
1	Valve body	Ductile iron GJS-400-15 (GGG40)



Measurements and weight

Dimension range (DN): 50 - 2200

DN	A	B	C	Net weight (kg)
50	43	118	63	8.5
65	46	126	71	10
80	46	133	78	11
100	52	147	98	13
125	56	160	109	17
150	56	180	133	21
200	60	204	158	27
250	68	245	194	30
300	78	270	219	55
400	102	363	308	95
600	154	510	426	215

Function and design

Fully tight maintenance-free butterfly valve with a centrally located disc, split spindle, and a completely housed body with in-house vulcanized rubber lining that eliminates the risk of gap corrosion, protects the valve body internally against corrosion, and serves as a flange gasket. The manufacturing process ensures excellent sealing and increased lifespan as wear of the lining is eliminated. The profile of the disc is crucial to achieving good flow characteristics that ultimately lead to minimizing energy losses. The valve is tight regardless of the flow direction.

Valve body with SEMI-LUG mounting ears for one-sided installation

AT 2310 and AT 2311 are equipped with mounting ears up to DN 300. Hole pattern according to PN16 up to DN 200 and PN10 for DN250-300.
AT 2312, AT 2313, and AT 2314 are equipped with mounting ears up to DN 200.
This design ensures that the valve maintains its sealing function even with one-sided flange installation, for example as an end valve.

The disc and shafts are connected by one or more strong tapered pins.
Butterfly valve AT 2310-11 DN 50-200 is delivered as standard with a high spindle neck for over-insulation.
Construction length according to SS-EN 558
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, without rain protection, class C4 is recommended.

Technical data

Main material: Ductile iron
Main material code: Ductile iron GJS-400-15 (GGG40)
Included materials: Rubber, Ductile iron
Included material code: Ductile iron GJS-400-15 (GGG40), EPDM (ethylene propylene diene monomer rubber)
Temperature (°C): -20 - 110
PN: 10 - 16
Connection: Flanged EN1092
ETIM classification: EC010910 - Butterfly valve
BK04 code: 20706 Single-leaf dampers
Product colour: RAL 2000 - Yellow orange

Installation and maintenance

Flowdirection: Bi-directional
Possible mounting position: Vertical, Horizontal
Possible mounting position notes: "Mounting with a horizontal spindle axis is optimal."
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 the case of one-sided mounting, bolts and nuts should not be tightened with a higher torque than specified in the table in the relevant standard. The valve should be operated 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

Get into the flow

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