Butterfly valve AT 2314-



Product information

High-quality fully-sealed butterfly valve with a disc made of alubron and a fixed vulcanized NBR rubber lining. Semi-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)	0 - 90
Main material	Cast iron

Area of use

For shutdown and regulation. Hot and cold water:
- Raw water system
- Sprinkler and fire water system
- Pump stations
- Heating and cooling systems
- Glycol mixed water
- Swimming facilities
- Backwater according to SSG 1035
- Greywater
- Ballast and cooling systems in ships
- Pneumatic loading and unloading systems
- Water treatment plants and filter systems
- Vacuum
- Neutral gases
- Powder and slurry transport

NBR rubber: Cold water, powder, hydrocarbon compounds with a maximum of 30% aromatics at +20°C, air and neutral gases
EPDM rubber: Hot water, air, neutral gases, some diluted inorganic acids, some alcohols (maximum 30%)
EPDM high temp: Cooling and heating water with an extended temperature range, -30°C to 130°C
Viton rubber: Hydrocarbon compounds, oils and (hot air about +200°C).

Tender text

PSB.2 Rotary butterfly valves
Butterfly valve AT 2314-, with a gray iron body and a NBR lining vulcanized into the body, as well as a disc made of alubron.
AT 231xS with standard lever up to DN150,
AT 231xV with standard gearbox 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 25.

Measurements and weight

Dimension range (DN): 50 - 2200

Function and design

Fully sealed 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 disc profile 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 2314 is equipped with mounting ears up to DN 200. This design ensures that the valve maintains its sealing function even with one-sided flange installation, such as an end valve.

The disc and shaft pins are connected by one or more strong tapered pins.

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: Cast iron
Included materials: Cast iron, Rubber
Temperature (°C): 0 - 90
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

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info@armatec.se | +46 31 89 01 00 | www.armatec.se