Butterfly valve AT 2310A



Product information

High-quality fully-sealed butterfly valve with a stainless steel disc and a solid vulcanized NBR rubber liner. Semi-LUG design. Suitable for vacuum and as an end valve with a hand lever, worm gear, or actuator. With a high neck for over-insulation.

Dimension range (DN)	50 - 2200
PN	10 - 16
Temperature (°C)	0 - 90
Main material	Cast iron

Area of use

Soft seal , butterfly valve for shut-off and control of hot and cold water, air and other neutral gases.
NBR-lining: 0°C to +90°C Hydrocarbon compounds with up to 30% aromatics at +20 ° C, water, powder, air and neutral gases.

Tender text

PSB.2 Rotary butterfly valves
Butterfly valve AT 231x with body of gray iron, fixed vulcanized rubber liner of NBR/EPDM and disc of stainless steel. With long stem neck (up to DN200) for insulation and mounting wholes for one sided flange mounting.
AT 231xS with standard shaft up to DN150,
AT 231xV with standard gear from DN200.

Quality assurance

AFS 2023:5, PED 2014/68/EU
The product is CE marked
Product marking: Manufacturer, PN and DN, material according to SS-EN 19

Measurements and weight

Dimension range (DN): 50 - 2200

Function and design

Fully tight, maintenance-free butterfly valve with centrically placed disc , split stem, one-piece body with fixed vulcanized rubber lining, eliminating risk of contact corrosion and protecting body internally against corrosion and also serving as flange packing. The manufacturing process ensures excellent seal and increased longevity because the abrasion of the liner is eliminated. Disc profile is crucial for achieving good flow characteristics which ultimately leads to energy losses are minimized. The valve is sealed regardless of flow direction.

Body with SEMI-LUG mounting wholes for one sided mounting.
AT 2310 is equipped with mounting holes up to DN 300. Porting pattern acc. to PN16 up to DN 200 and PN10 for DN250-300.
Due to this design, the valve will keep its seal function even with one sided flange mounting, as an example end valve.

Disc and shaft are connected by one or more strong conical pins.
Butterfly valve AT 2310 DN 50–200 is delivered with long stem neck as standard for insulation.

Face to face dimension acc. to SS-EN 558.
Top flange acc. to ISO 5211.

Standard corrosion class C3 acc. to ISO 12944.
When the installation is done outdoors without rain cover, class C4 is recommended.

Technical data

Main material: Cast iron
Main material code: Cast iron GJL-250 (GG25)
Included materials: Cast iron, Stainless steel, Rubber
Included material code: Stainless steel AISI 431 (1.4057), Cast iron GJL-250 (GG25), NBR (nitrile butadiene 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
The valve shall be mounted between flanges, without gaskets and if possible with the shaft in horizontal position and min. measurement for the disc movement acc.to table below. End of line mounting, bults and nuts are not allowed to be tightened with more than values in table below.

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