



Product information

RELAUNCH! Our loyal servant for 50 years has come in a new design. The AT 2343B butterfly valve is a high-quality valve that is perfect for shutting off and regulating hot and cold water, glycol-mixed water, vacuum, and neutral gases. It is made of cast iron and has a vulcanized lining, which provides a long product life cycle. The valve has low torque and low pressure drop. The disc is made of duplex stainless steel. The EPDM rubber used in the valve is suitable for hot water, air, neutral gases, some diluted inorganic acids, and some alcohols (max 30%). The connection is flanged according to EN1092. Choose the AT 2343B butterfly valve for reliable and efficient operation.

Dimension range (DN)	40 - 300
PN	16
Temperature (°C)	-20 - 110
Main material	Ductile iron

Area of use

This product is of the highest quality and is designed to withstand pressure class PN16 and temperatures ranging from -20 to 110 °C. It is developed to fit within the dimension range of DN from 40 to 600. With this product, you can be sure that you are getting a reliable and robust solution for your needs.

For shut-off and regulation. Hot and cold water:

- Heating and cooling systems
- Water-glycol mixture
- Water with some oil content
- Saltwater, brackish water
- Vacuum
- Neutral gases

EPDM rubber: Hot water, air, neutral gases, some diluted inorganic acids, some alcohols (max 30%)

Tender text

PSB.2 Rotary butterfly valves

Butterfly valve AT 2343B, with a cast iron body and a fixed vulcanized EPDM liner in the body, as well as a stainless duplex steel disc. Double flanged design.

AT 2343BS with lever standard up to DN150,

AT 2343BV with gearbox standard from DN150.

Quality assurance

AFS 2023:5, PED 2014/68/EU

The product is CE marked

Product marking: Model, DN, Flange, Bodymaterial, Seat material, Disc material, PS, TS, PT, date of test, serialnumber, standard and AT-number

Energy and environment declaration

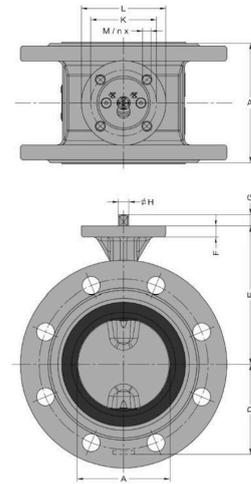
Reach date: 6/14/2023 12:00:00 AM

Pos	Component	Material
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Measurements and weight

Dimension range (DN): 40 - 300

Item number	A	B	C	D	E	F	G	H
2343BS40	106			58	113	12		
2343BS50	108			63	118	12		
2343BS65	112			71	126	12		
2343BS80	114			78	133	12		
2343BS100	127			98	147	12		
2343BS125	140			109	160	12		
2343BV150	140			133	180	14		
2343BV200	152			158	204	14		
2343BV250	165			194	245	14		
2343BV300	178			219	270	14		



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 profile of the disc is crucial to achieving good flow characteristics, which ultimately minimizes energy losses. The valve is tight regardless of flow direction.

Valve body in double flanged design up to DN 300. Hole pattern according to PN16.
Construction length according to SS-EN 558, series 13. 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)

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Temperature (°C): -20 - 110

PN: 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 measurements	Required torque (Nm)	Leakagerate
2343BS40	95	F07	Parallel square	10x10mm	4	Rate A acc. to EN 12266-1:2012
2343BS50	95	F07	Parallel square	10x10mm	6	Rate A acc. to EN 12266-1:2012
2343BS65	231	F07	Parallel square	10x10mm	10	Rate A acc. to EN 12266-1:2012
2343BS80	491	F07	Parallel square	10x10mm	16	Rate A acc. to EN 12266-1:2012
2343BS100	690	F07	Parallel square	12x12mm	29	Rate A acc. to EN 12266-1:2012
2343BS125	1945	F07	Parallel square	12x12mm	45	Rate A acc. to EN 12266-1:2012
2343BV150	1945	F07	Parallel square	14x14mm	65	Rate A acc. to EN 12266-1:2012
2343BV200	4095	F07	Parallel square	17x17mm	141	Rate A acc. to EN 12266-1:2012
2343BV250	6085	F10	Parallel square	22x22mm	276	Rate A acc. to EN 12266-1:2012
2343BV300	9570	F10	Parallel square	22x22mm	394	Rate A acc. to EN 12266-1:2012

Installation and maintenance

Flowdirection: Bi-directional

Possible mounting position: Vertical, Horizontal

Possible mounting position notes: The stem should not be mounted so that it is pointing downwards as this may cause leakage.

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.

Please feel free to contact us

We answer your questions by e-mail and telephone. No question is too small, no challenge is too big. You are always welcome at Armatec.

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THE COMPANY'S MANAGEMENT SYSTEM
IS CERTIFIED BY DNV
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