



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

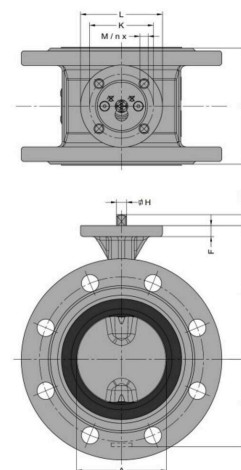
**Reach date:** 6/14/2023 12:00:00 AM

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	Gross weight (kg)
2343BS40	40		106	58	113	12	12	9	7
2343BS50	50		108	63	118	12	12	9	8
2343BS65	65		112	71	126	12	12	9	9
2343BS80	80		114	78	133	12	12	9	10
2343BS100	100		127	98	147	12	12	11	12
2343BS125	125		140	109	160	12	16	14	15
2343BV150	150		140	133	180	14	16	14	19
2343BV200	200		152	158	204	14	19	17	28
2343BV200-PN10	200		152	158	204	14	19	17	28
2343BV250	250		165	194	245	15	24	22	45
2343BV300	300		178	219	270	15	24	22	62



## 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)

**Included materials:** Ductile iron

**Included material code:** Ductile iron GJS-400-15 (GGG40)

**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.

[info@armatec.se](mailto:info@armatec.se) | +46 31 89 01 00 | [www.armatec.se](http://www.armatec.se)

THE COMPANY'S MANAGEMENT SYSTEM  
IS CERTIFIED BY DNV  
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