

## Product information

Steel ball valve with flanges and mounting flange for actuators. Suitable for automation. For mainly acids and salt solutions, gas, steam, hot and cold water.

Dimension range (DN)	15 - 300
PN	16 - 40
Temperature (°C)	-29 - 200
Main material	Steel



## Area of use

Shut-off valve with the following division mainly:  
Hot and cold water and compressed air  
Steam  
LPG, natural gas and petroleum products

## Tender text

### **PSB.1 Ball valves**

Two-part flanged ball valve in steel AT 3585..., with full bore, flanged connection, and handle made of cast iron.

## Quality assurance

AFS 2023:5, PED 2014/68/EU

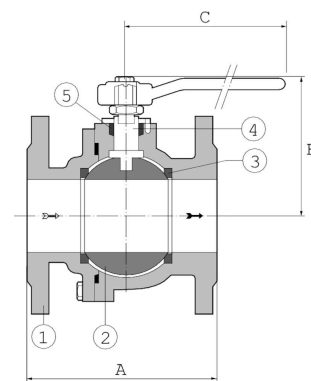
### **The product is CE marked**

**Product marking:** Brand, DN, PN and material.

## Energy and environment declaration

**SundaHus:** C-

Pos	Component	Material
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## Measurements and weight

**Dimension range (DN):** 15 - 300

DN	A	B	C	Net weight (kg)
15	115	95	160	2.9
20	120	98	160	3.7
25	125	112	160	5.1
32	130	163	213	7.1
40	140	176	213	9.1
50	150	186	213	12.1
65	170	203	300	17.8
80	180	216	300	24
100	190	215	465	36.8
125	325	240	715	58
150	350	279	774	86
200	400	307	845	120
250	450			246

## Function and design

Two-piece ball valve with full bore in firesafe design. Floating homogeneous ball with relief for tight shut-off and low pressure drop. Antistatic designed blow-out proof spindle according to BS 5351 prevents the spindle from being pushed out during pressure surges. Mounting flange according to ISO 5211 for actuator. Double graded from DN 200.

### Technical data

**Main material:** Steel

**Main material code:** Steel GP240GH N (1.0619)

**Included materials:** Steel, Stainless steel, Rubber, Other

**Included material code:** Acid resistant stainless steel AISI 316 (1.4408, CF8M) , FPM/FKM (fluorine rubber), Glass filled PTFE (25%), Graphite, PTFE (polytetrafluoroethylene), Stainless steel duplex (1.4462), Steel GP240GH N (1.0619)

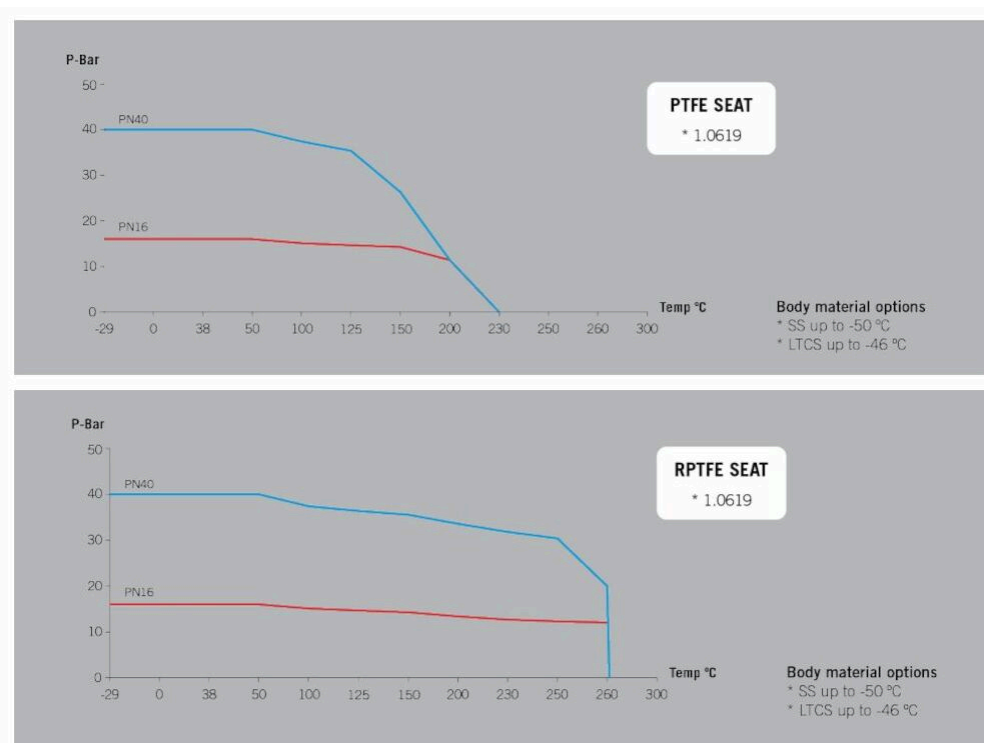
**Temperature (°C):** -29 - 200

**PN:** 16 - 40

**Connection:** Flanged EN1092

**ETIM classification:** EC011343 - Ball valve

**BK04 code:** 20702 Ball valves



Item number	KVS	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.	Connection according to ISO 5211
3585HT15	20	Flanged EN1092	PN40	Flanged EN1092	PN40	F05

Item number	KVS	Connection 1	Connection 1 - spec.	Connection 2	Connection 2 - spec.	Connection according to ISO 5211
3585HT20	40	Flanged EN1092	PN40	Flanged EN1092	PN40	F05
3585HT25	75	Flanged EN1092	PN40	Flanged EN1092	PN40	F05
3585HT32	130	Flanged EN1092	PN40	Flanged EN1092	PN40	F05
3585HT40	170	Flanged EN1092	PN40	Flanged EN1092	PN40	F07
3585HT50	270	Flanged EN1092	PN40	Flanged EN1092	PN40	F07
3585HT65	550	Flanged EN1092	PN40	Flanged EN1092	PN40	F07
3585HT80	1000	Flanged EN1092	PN40	Flanged EN1092	PN40	F10
3585HT100	1650	Flanged EN1092	PN40	Flanged EN1092	PN40	F10
3585HT125	3000	Flanged EN1092	PN40	Flanged EN1092	PN40	F12
3585HT150	4200	Flanged EN1092	PN40	Flanged EN1092	PN40	F12
3585HT200	9000	Flanged EN1092	PN16	Flanged EN1092	PN16	F14
3585V200	9000	Flanged EN1092	PN16	Flanged EN1092	PN16	F14
3585V250	15000	Flanged EN1092	PN16	Flanged EN1092	PN16	

## Installation and maintenance

**Flowdirection:** Bi-directional

**Possible mounting position:** Vertical, Horizontal

3585 DN 15-150 Flanges according to PN40.

3585 DN 200-300 Flanges according to PN16.

The valve should be regularly operated 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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