

BRONZE SWING CHECK VALVE C300

THREADED ENDS / SCREWED COVER

TECHNICAL OVERVIEW

Working pressure
PN20 (20 bar)

Shell test pressure
30 bar

Seat test pressure
22 bar

Working temperature
-10°C to +180°C

Applicable fluids
Water; non-corrosive liquids

Thread standard
BSPT - ISO 7/1

Nominal sizes
1/2-2 in (DN15-DN50)

WRAS

APPROVED PRODUCT

Suitable for potable water service.



PN20

WORKING PRESSURE

DN15-DN50

SIZE RANGE

DESIGNED FOR RELIABLE NON-RETURN SERVICE

BARIQ C300 combines a bronze body and screwed cover with a brass swing disc. Its full-bore design supports low pressure drop, while the removable cover provides access for inspection and maintenance.

FULL-BORE FLOW PATH

Designed to ensure low pressure drop.

SWING DISC

Swing disc with resilient seat for tight sealing.

SCREWED COVER

Allows easy access for inspection and maintenance.

INSTALLATION FLEXIBILITY

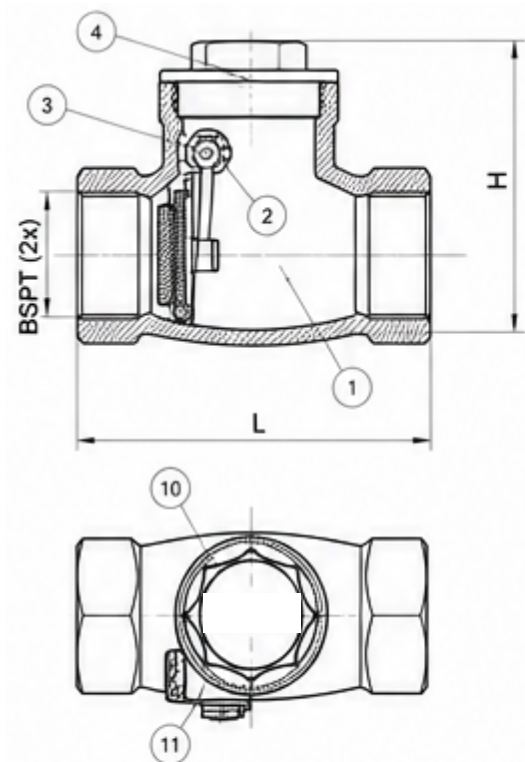
Suitable for horizontal and vertical installation.

CONSTRUCTION & DIMENSIONS

SWING CHECK VALVE

C300

ASSEMBLY / MATERIALS / STANDARDS



MATERIAL SPECIFICATION

1	Body	Bronze / CC491K
2	Disc	Brass / CW617N
3	Cap	Bronze / CC491K
4	Pin / plug	Brass / CW617N
10	Nameplate	SS304 / AISI 304
11	Screw	SS304 / AISI 304

BRONZE BODY & COVER

CC491K body and cap with CW617N brass disc and pin / plug.

DIMENSIONS

All dimensions in mm

SIZE (in)	DN	L	H	D	E
1/2	15	56	41.5	12.7	12
3/4	20	66	44	19	14
1	25	76	52.5	24	15
1 1/4	32	88	58.5	31	17
1 1/2	40	96	67	38	18
2	50	112	74	49	20

STANDARDS & TESTING

Design & manufacture

ASTM B62

Pressure testing

BS EN 12266-1 (P10/P11/P12); BS EN 12266-2 (P20)

Thread standard

BSPT - ISO 7/1