

BRONZE SWING CHECK VALVE MODEL C300

THREADED END | SCREWED COVER

PN20

NOMINAL PRESSURE

WRAS
APPROVED PRODUCT

SAUDI
MADE

ISO
9001:2015

CE



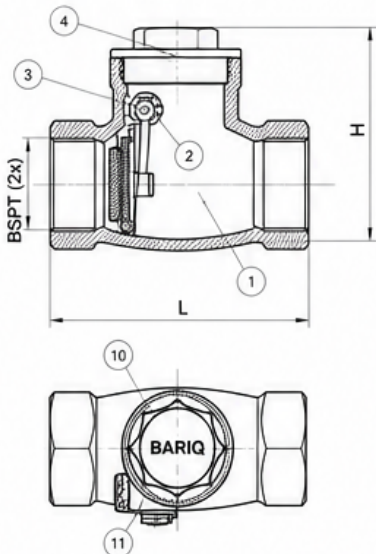
TECHNICAL OVERVIEW

	Nominal Working Pressure	PN20 (20 BAR)	
	Pressure Test	Shell Test	30 BAR
		Seat Test	22 BAR
	Working Temperature	-10°C up to 180°C	
	Applicable Fluid	Water, Non-corrosive liquid	
	Thread Standard	BSPT - ISO 7/1	
	Nominal Size	1/2" - 2" (DN15 - DN50)	

FEATURES

- ✓ Full bore design to ensure low pressure drop
- ✓ Swing disc with resilient seat for tight sealing
- ✓ Screwed cover allows easy inspection and maintenance
- ✓ Compact design with strong and durable construction
- ✓ WRAS approved for use on wholesome (potable) water
- ✓ Suitable for horizontal and vertical installation

TECHNICAL DRAWING



DIMENSIONS (mm)

SIZE (inch)	DN (mm)	L	H	D	E
1/2"	DN15	56	41.5	12.7	12
3/4"	DN20	66	44	19	14
1"	DN25	76	52.5	24	15
1 1/4"	DN32	88	58.5	31	17
1 1/2"	DN40	96	67	38	18
2"	DN50	112	74	49	20

Note: Dimensions are subject to change without notice.

STANDARDS & TESTING

✓ Design & Manufacture	ASTM B62 Standard
✓ Pressure Testing	BS EN 12266-1 (P10/P11/P12) BS EN 12266-2 (P20)
✓ Thread Standard	BSPT - ISO 7/1

MATERIAL SPECIFICATION

NO.	PART	MATERIAL	STANDARD
1	Body	Bronze	CC491K
2	Disc	Brass	CW617N
3	Cap	Bronze	CC491K
4	Pin / Plug	Brass	CW617N
10	Nameplate	SS 304	AISI 304
11	Screw	SS 304	AISI 304



All materials comply with ASTM B62 standard and are suitable for potable water.

WORKING PRESSURE & TEMPERATURE

Nominal Pressure	PN20 (20 BAR)
Working Temperature	-10°C up to 180°C
Applicable Fluid	Water, Non-corrosive liquid



RELIABLE
PERFORMANCE



DURABLE
DESIGN



CORROSION
RESISTANT



EASY
MAINTENANCE



HIGH
PERFORMANCE



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