

ECON® Check valve Type: 496 Bronze Flange PN10/16

Bronze check valve, piston type with bolted cover and flanged ends, pressure class PN10 or 16.



Characteristics

Type: 496

Norm: EN (DIN)

Construction type: Straight

Housing material: Bronze

Material quality: CC491K [RG5]

Connection: Flange

Flange finish: Flat face

Face to Face norm: Manufacturer standard

With spring: Yes

Spring material: 1.4310

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 200 °C



Application

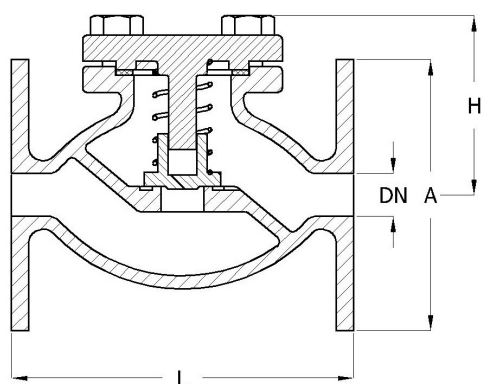
- General Industry
- On board ships (maritime)
- Sea water, hot or cold water.
- Suitable for horizontal and vertical (rising flow) mounting.

Technical Information

- Design: EN 16767.
- Testing: EN 12266-1.
- Opening pressure: 0,2 bar.
- Leakage rate: EN 12266-1, class C.

Options

- Available including inspection and certification by all leading Classification societies.
- Available in angle pattern type: 497.



Size table:

DN	A	H	L	Weight
	mm	mm	mm	kg
DN15	95	63	120	2.3
DN20	105	63	120	2.5
DN25	115	71	140	3.6
DN32	140	80	150	4.6
DN40	150	87	155	6.3
DN50	165	97	180	8.2
DN65	185	110	200	12
DN80	200	130	240	17.2
DN100	220	140	270	23.8
DN125	250	157	320	37.8
DN150	285	180	370	52
DN200	340	235	500	94

Pressure and temperature range

Size	Pressure rating	120	200	[°C]
DN15 - DN150	PN 16	16	12	[bar]
DN200	PN 10	10	8	[bar]

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Non-return Valves | Non-return Valves with Flange Connection

Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face length	Valve shape	Sealing	Material disc	Material cover	Material cover gasket	Maximum pressure difference at 20 °C	Article
			mm						bar	
DN15	PN16	PN10/16	120	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439983
DN20	PN16	PN10/16	120	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439984
DN25	PN16	PN10/16	140	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439985
DN32	PN16	PN10/16	150	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439986
DN40	PN16	PN10/16	155	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439987
DN50	PN16	PN10/16	180	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439988
DN65	PN16	PN10/16	200	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439989
DN80	PN16	PN10/16	240	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439990
DN100	PN16	PN10/16	270	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439991
DN125	PN16	PN10/16	320	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439992
DN150	PN16	PN10/16	370	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	16	14439993
DN200	PN10	PN10	500	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	10	14439994

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