



ECON® Check valve Type: 496 Bronze Flange PN16

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

Maximum medium temperature (continuous): 200 °C

Maximum pressure difference at 20 °C: 16 bar

Application

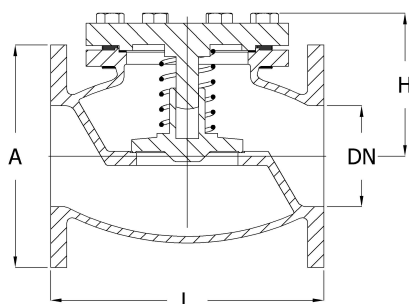
- General Industry
- On board ships (maritime)
- Sea water, hot or cold water.
- Suitable for horizontal and vertical (rising flow) mounting.

Technical Information

- Design: EN 12334.
- Testing: EN 12266-1 rate C.

Options

- Available in angle pattern; type 497.



Size table:

DN	A mm	L mm
DN20	105	120
DN25	115	140
DN40	150	155

<>DN><	>A><	>L><	>H><	>Weight>
<>[mm]><	>mm><	>mm><	>mm><	>[kg]>
<>15><	>95><	>120><	>65><	>3,5>
<>20><	>105><	>120><	>65><	>4,2>
<>25><	>115><	>140><	>75><	>5>
<>32><	>140><	>150><	>75><	>6,8>
<>40><	>150><	>155><	>95><	>8,4>

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

<>DN><	>A><	>L><	>H><	>Weight>
<>[mm]><	>mm><	>mm><	>mm><	>[kg]>
<>50><	>165><	>180><	>105><	>10,2>
<>65><	>185><	>200><	>120><	>21,3>
<>80><	>200><	>240><	>130><	>26,5>
<>100><	>220><	>270><	>160><	>34>
<>125><	>250><	>320><	>175><	>50>
<>150><	>285><	>370><	>195><	>62>

<>Size><	>Press. rating><	>Max. temperature><	>120°C><	>200°C>	>[bar]>
<>DN 15 - 150><	>PN 16><	>200°C><	>16><	>12><	>[bar]>

Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face length	Valve shape	Sealing	Material disc	Material cover	Material cover gasket	Minimum medium temperature (continuous)	Article
			mm						°C	
DN20	PN16	PN10/16	120	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	-10	12711839
DN25	PN16	PN10/16	140	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	-10	12711841
DN40	PN16	PN10/16	155	Flap	Bronze	CC491K (RG5)	CC491K (RG5)	Graphite	-10	12711843

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