

ECON® Check valve Type: 500 Bronze Internal thread (BSPP) PN16



Characteristics

Type: 500

Norm: EN (DIN)

Construction type: Straight

Housing material: Bronze

Material quality: CC491K (RG5)

Connection: Internal thread (BSPP)

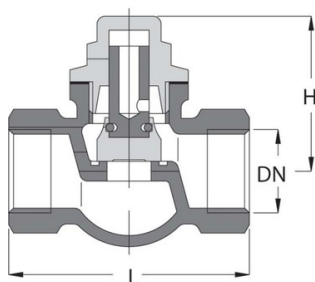
Face to Face norm: Manufacturer standard

Minimum medium temperature (continuous): -10 °C

Maximum pressure difference at 20 °C: 16 bar

Application

- Recommended in: Machine Construction



DN ["]	L mm	H mm	Kv-value	Weight [kg]
¼	50	38,5	1	0,3
3/8	50	38,5	1	0,3
½	60	39	3	0,4
¾	70	48	6	0,5
1	80	53	9	0,8
1 ¼	96	56	15	1,2
1 ½	105	63	25	1,6
2	130	72	38	2,5
2 ½	157	100	67	5,2
3	185	110	80	6

Type	120°C	185°C	200°C
500BR	16		12
500TE	16	10	

Nominal inner diameter	Pressure rating	Face to Face length mm	Valve shape	Kv value m³/h	Sealing	Material disc	Material cover	Material cover gasket	Maximum medium temperature (continuous) °C	Article
1/4" [8]	PN16	50	Flap	1	Brass	Brass	Brass	Fiber Gasket	200	11811318
1/4" [8]	PN16	50	Flap	1	PTFE	Brass	Brass	Fiber Gasket	180	11811319
3/8" [10]	PN16	50	Flap	1	Brass	Brass	Brass	Fiber Gasket	200	11811322
3/8" [10]	PN16	50	Flap	1	PTFE	Brass	Brass	Fiber Gasket	180	11811323
1/2" [15]	PN16	60	Flap	3	Brass	Brass	Brass	Fiber Gasket	200	11811316
1/2" [15]	PN16	60	Flap	3	PTFE	Brass	Brass	Fiber Gasket	180	11811317
3/4" [20]	PN16	70	Flap	6	Brass	Brass	Brass	Fiber Gasket	200	11811320
3/4" [20]	PN16	70	Flap	6	PTFE	Brass	Brass	Fiber Gasket	180	11811321
1" [25]	PN16	80	Flap	9	Brass	Brass	Brass	Fiber Gasket	200	11811311

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Non-return Valves | Non-return Valves with Threaded Connection

Nominal inner diameter	Pressure rating	Face to Face length	Valve shape	Kv value	Sealing	Material disc	Material cover	Material cover gasket	Maximum medium temperature (continuous)	Article
		mm		m³/h					°C	
1" [25]	PN16	80	Flap	9	PTFE	Brass	Brass	Fiber Gasket	180	11811312
1.1/4" [32]	PN16	95	Flap	15	Brass	Brass	Brass	Fiber Gasket	200	11811326
1.1/4" [32]	PN16	95	Flap	15	PTFE	Brass	Brass	Fiber Gasket	180	11811327
1.1/2" [40]	PN16	105	Flap	25	Brass	Brass	Brass	Fiber Gasket	200	11811324
1.1/2" [40]	PN16	105	Flap	25	PTFE	Brass	Brass	Fiber Gasket	180	11811325
2" [50]	PN16	130	Flap	38	Brass	Brass	Brass	Fiber Gasket	200	11811313
2" [50]	PN16	130	Flap	38	PTFE	Brass	Brass	Fiber Gasket	180	11811314
2.1/2" [65]	PN16	163	Flap	67	Bronze	CC491K [RG5]	CC491K [RG5]	Fiber Gasket	200	11811328
2.1/2" [65]	PN16	163	Flap	67	PTFE	CC491K [RG5]	CC491K [RG5]	Fiber Gasket	180	11811329
3" [80]	PN16	185	Flap	80	Bronze	CC491K [RG5]	CC491K [RG5]	Fiber Gasket	200	11811315
3" [80]	PN16	185	Flap	80	PTFE	CC491K [RG5]	CC491K [RG5]	Fiber Gasket	180	12035720

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.