

ECON® Check valve Type: 505 Bronze Internal thread (BSPP) PN16



Characteristics

Type: 505

Norm: EN (DIN)

Construction type: Straight

Housing material: Bronze

Material quality: CC491K (RG5)

Connection: Internal thread (BSPP)

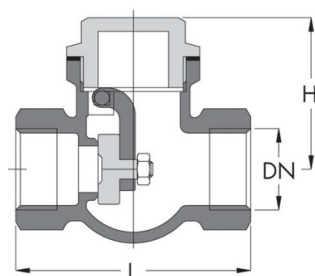
Face to Face norm: Manufacturer standard

Minimum medium temperature (continuous): -10 °C

Maximum pressure difference at 20 °C: 16 bar

Application

- Recommended in: Machine Construction



DN	L	H	Kv-value	Min. Opening press. horizontal	Weight
["]	mm	mm		[bar]	[kg]
?	60	39	2	~0	0,3
½	60	40	4	~0	0,4
¾	70	49	7	~0	0,5
1	80	57	10	~0	0,8
1 ¼	95	59	18	~0	1,1
1 ½	105	68	29	~0	1,5
2	129	76	46	~0	2,1
2 ½	160	94	82	~0	4,6
3	184	118		~0	6,9

Figure nr.	Press- and temperature range
Fig. 505BR	16 bar - 120°C
Fig. 505TE	16 bar - 120°C

Nominal inner diameter	Pressure rating	Face to Face length	Valve shape	Sealing	Material disc	Material cover	Material cover gasket	Material jointed arm	Maximum medium temperature (continuous)	Article
		mm							°C	
3/8" [10]	PN16	60	Swing type	Brass	Brass	Brass	Fiber Gasket	Brass	200	11811338
3/8" [10]	PN16	60	Swing type	PTFE	Brass	Brass	Fiber Gasket	Brass	180	11811339
1/2" [15]	PN16	60	Swing type	Brass	Brass	Brass	Fiber Gasket	Brass	200	11811334
1/2" [15]	PN16	60	Swing type	PTFE	Brass	Brass	Fiber Gasket	Brass	180	11811335
3/4" [20]	PN16	70	Swing type	Brass	Brass	Brass	Fiber Gasket	Brass	200	11811336
3/4" [20]	PN16	70	Swing type	PTFE	Brass	Brass	Fiber Gasket	Brass	180	11811337
1" [25]	PN16	80	Swing type	Brass	Brass	Brass	Fiber Gasket	Brass	200	11811330
1" [25]	PN16	80	Swing type	PTFE	Brass	Brass	Fiber Gasket	Brass	180	11811331
1.1/4" [32]	PN16	95	Swing type	Brass	Brass	Brass	Fiber Gasket	Brass	200	11811342

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

Nominal inner diameter	Pressure rating	Face to Face length mm	Valve shape	Sealing	Material disc	Material cover	Material cover gasket	Material jointed arm	Maximum medium temperature (continuous) °C	Article
1.1/4" [32]	PN16	95	Swing type	PTFE	Brass	Brass	Fiber Gasket	Brass	180	11811343
1.1/2" [40]	PN16	105	Swing type	Brass	Brass	Brass	Fiber Gasket	Brass	200	11811340
1.1/2" [40]	PN16	105	Swing type	PTFE	Brass	Brass	Fiber Gasket	Brass	180	11811341
2" [50]	PN16	130	Swing type	Brass	Brass	Brass	Fiber Gasket	Brass	200	11811332
2" [50]	PN16	130	Swing type	PTFE	Brass	Brass	Fiber Gasket	Brass	180	11811333
2.1/2" [65]	PN16	160	Swing type	Bronze	CC491K [RG5]	CC491K [RG5]	Fiber Gasket	CC491K [RG5]	200	11811344
2.1/2" [65]	PN16	160	Swing type	PTFE	CC491K [RG5]	CC491K [RG5]	Fiber Gasket	CC491K [RG5]	180	11811345
3" [80]	PN16	184	Swing type	Bronze	CC491K [RG5]	CC491K [RG5]	Fiber Gasket	CC491K [RG5]	200	11811347
3" [80]	PN16	184	Swing type	PTFE	CC491K [RG5]	CC491K [RG5]	Fiber Gasket	CC491K [RG5]	180	11811346

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