



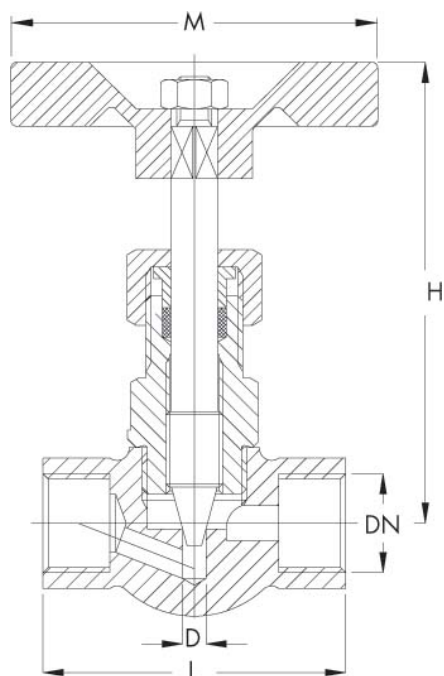
## ECON® Needle valve Type: 718 Brass Straight Hand wheel Internal thread (BSPP)

### Characteristics

**Type:** 718  
**Norm:** EN (DIN)  
**Construction type:** Straight  
**Housing material:** Brass  
**Material quality:** CW614N  
**Connection:** Internal thread (NPT)  
**Face to Face norm:** Manufacturer standard  
**Operation:** Hand wheel  
**Spindle material:** CW614N  
**Primary spindle seal material:** PTFE

### Characteristics [2]

**Actuator material:** Plastic  
**Minimum medium temperature (continuous):** -10 °C  
**Maximum medium temperature (continuous):** 150 °C  
**Maximum pressure difference at 20 °C:** 100 bar



### Size table:

DN	d	L	H	M	Weight
	mm	mm	mm	mm	kg
1/4"	4	46	80	50	0.22
3/8"	4	50	80	50	0.22
1/2"	6	55	102	65	0.36
3/4"	8	64	107	65	0.55
1"	8	75	110	65	0.76

### Max. working pressure

100 bar

40 bar

### Max. medium temperature

30°C

150°C

Nominal inner diameter	Pressure rating	Face to Face length	Valve bore	Kv value	Article
		mm	mm	m³/h	
1/4" [8]	PN100	46	4	0.32	EC0071801/4CB12
3/8" [10]	PN100	50	4	0.63	EC0071803/8CB12
1/2" [15]	PN100	55	6	1.55	EC0071801/2CB12
3/4" [20]	PN100	64	8	1.55	EC0071803/4CB12
1" [25]	PN100	75	8	2.3	EC007180001CB12

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