



## ECON® Needle valve fig. 222 stainless steel with vent screw internal thread BSP

### Characteristics

**Type:** 222  
**Norm:** EN (DIN)  
**Construction type:** Straight  
**Housing material:** Stainless steel  
**Material quality:** 1.4401  
**Connection:** Internal thread (BSPP)  
**Face to Face norm:** Manufacturer standard  
**Rotating needle:** Yes  
**Venting screw:** Yes

### Characteristics (2)

**Spindle material:** 1.4401  
**Primary spindle seal material:** PTFE  
**Actuator material:** 1.4305  
**Minimum medium temperature (continuous):** -10 °C  
**Maximum medium temperature (continuous):** 250 °C

Connection ["]	d [mm]	L mm	H (open) mm	M mm
1/4	3	50	78	50
3/8	5	55	78	50
1/2	6	60	80	50
3/4	8	80	97	60
1	8	80	99	60

Max. oper. press.	Max. medium temperature
420 bar	20°C
320 bar	200°C
250 bar	250°C

Nominal inner diameter	Pressure rating	Face to Face length mm	Operation	Valve bore mm	Maximum pressure difference at 20 °C bar	Article
1/4" [8]	PN420	50	T-bar	3	420	11810628
1/2" [15]	PN420	60	T-bar	6	420	11810629

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