

Valve Specification

Threaded end type needle valve dedicated to proportional control for minute flow rate control. F-PTFE is used on the plug seal surface for excellent valve seat airtightness. Ideal for applications where valve seat leakage cannot be tolerated. Optimal flow control is made possible by the variation of the trim shape.

Specifications

Model	NS
Type	Threaded end needle valve
Fluid	Water, Oils, Gas, Chemicals
Flow direction	With designated flow direction
Application	Flow control
Max working pressure	4 MPa
Max allowable pressure	4 MPa
Seat leakage volume	Bubble tight (JIS B2005-4 Class VI)
Range ability	30:1

Production range

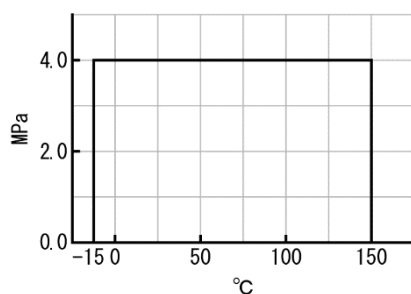
Connection	Threaded end Rc (JIS B 0203)	
Body material	SCS14A	
Trim material	SUS316	
Seat material	F-PTFE	
Stem seal material	F-PTFE + FKM O-ring	
Cv value	0.05 / 0.13 / 0.34 / 0.8	2
Flow characteristics	Linear	Linear / EQ%
Size	10A, 15A	15A

Valve model code configuration

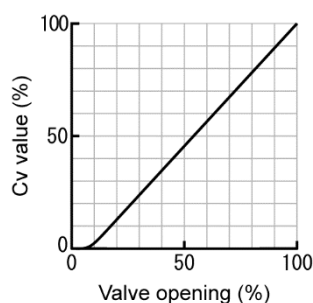
NS 5 U U E M 0 15

NS	5	U	U	E	M	0	15	
								Size
								Enter two digits. ex. 15A is 15
								Flow characteristics ○: Linear ⊖: EQ%
								Cv value ⊙: 0.05 ⊙: 0.13 ⊙: 0.34 ⊙: 0.8 ⊙: 2
								Stem seal material ⊖: F-PTFE + O-ring (FKM)
								Trim material ⊙: SUS316
								Body material ⊙: SCS14A
								Connection ⊙: Threaded end Rc
								Model

Pressure & Temperature rating



Flow characteristic (Linear)



Flow characteristic (EQ%)

