

157. NEEDLE VALVE –STAINLESS STEEL

Function:

Needle valve is a flow control valve which is used to control the flow.

Operating Principle:

Needle valve contains a stem which moves axially to close and open the flow path. The stem is connected to a handle bar. The rotary motion of the handle is converted to the axial movement of the stem.

Applications:

Process control. Instrumentation and flow control in all process industries like

- Chemical
- Gas
- Pharmaceutical
- Food
- Beverages
- WFI



Specifications:

Material: Contact parts: Refer table.

Non contact parts: AISI 304

Seal: PTFE

Max. Operating temperature: 121 C

Max. Operating pressure: 400 bar @ 25 °C(PTFE seat)

End Connection: Refer table

ORDERING INFORMATION:

Ex: Part # 157-1-1-1-1: Needle valve-304 material –1/4"-1/4"FNPT-PTFE Seal

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Product code	Contact Material	Size	End Connection	Seal
		1-1/4"	1-1/4" FNPT	1-PTFE
		2-3/8"	2-3/8" FNPT	2-EPDM
	1-AISI 304	3-1/2"	3-1/2" FNPT	
	2-AISI 316	4-3/4"	4-3/4" FNPT	
	3-AISI 316L			

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