FLUID CONTROLS®

HIGH PRESSURE NEEDLE VALVES



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High pressure valves with screwed bonnet and integral seat designed as per ANSI B16.34 and thread connector are as per ANSI 1.20.1. Applications are for throttling and straight shut-off. Fluid Controls® High pressure valves are available in CS, SS, Nickel alloys and with NACE certification.

10,000 PSI Needle Valves



Working Pressure	:	10,000 PSI (689 BAR) @ 25°C (77°F)
Max. Temperature	:	540°C (1004°F)
Testing Pressure	:	Hydrostatic Body – 15,000 PSI (1034 BAR)
		Hydrostatic Seat – 10,000 PSI (689 BAR)
		Pneumatic Seat – 569 PSI (40 kg/cm²)
Gland Seal	:	PTFE(Standard) : For temperature range -73°C (-99.4°F) to 210°C (410°F)
		Graphoil : For temperature range 180°C (356°F) to 540°C (1004°F)
Mounting Arrangement	:	Needle Valves - Panel Mounting

30,000 PSI Needle Valves



Max Working Pressure	:	30,000 PSI (2069 kg/cm2) @ 25°C (77°F)
Temperature	:	210°C (410°F)
Testing Pressure	:	Hydrostatic Body – 45,000 PSI (3103 kg/cm²)
		Hydrostatic Seat – 30,000 PSI (2069 kg/cm²)
		Pneumatic Seat – 569 PSI (40 kg/cm²)
Connection Size	:	1/4", 3/8", 9/16"
Orifice Size	:	2.4 mm (0.093")
Gland Seal	:	Glass filled PTFE: Temperature Min. -73°C (-99.4°F) to Max. 210°C (410°F)
Mounting Arrangement	:	Needle Valves – Integral through-holes for bracket mounting. Panel Mounting option is also available.

FC-VA-HN-04-bk

For more information about Fluid Controls® High Pressure Needle Valves,
please visit our **website: www.fluidcontrols.com** or contact us at **sales@fluidcontrols.com** **+91-22-43338000**.