



Compression Ended 316 Stainless Steel Needle Valve 6000 PSI

- Size Range 6mm – 12mm Metric
- Size Range ¼" - ½" Imperial
- Temperature from -54°C to 232°C
- Non Rotating Stem Tip
- Pressure up to 414 Bar

DESCRIPTION

Twin Ferrule compression ended with options of imperial or metric ends. This robust stainless steel needle valve offers reliable and safe isolation and control. Pressures of up to 6000 PSI (414 Bar) and temperatures of -54C to 232C with PTFE Packing. Features include a back seating design that protects the packing in the fully open position and a unique Non-rotating stem tip. Tee bar handle operation.

Body to bonnet seal with metal to metal constant compression, isolates the bonnet thread from the media.



Screwed BSPP and NPT Ended Models available. NV3026



Description

Precision needle valve in 316 stainless steel, widely used in instrumentation and hydraulic applications. The valve allows precise regulation of flow, ensuring positive leak tight shut off.



Beschreibung

Präzisionsnadelventil aus Edelstahl 316, weit verbreitet in Instrumenten- und Hydraulikanwendungen. Das Ventil ermöglicht eine präzise Regulierung des Durchflusses und gewährleistet eine dichte Absperrung.



Descripción

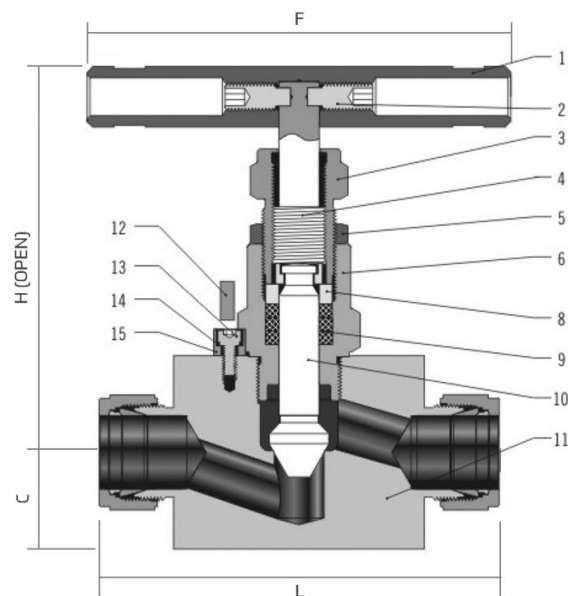
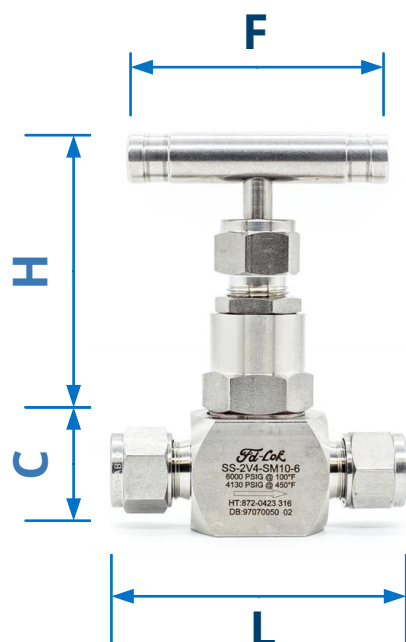
Válvula de aguja de precisión en acero inoxidable 316, muy utilizada en instrumentación y aplicaciones hidráulicas. La válvula permite una regulación precisa del flujo, asegurando un cierre hermético positivo.



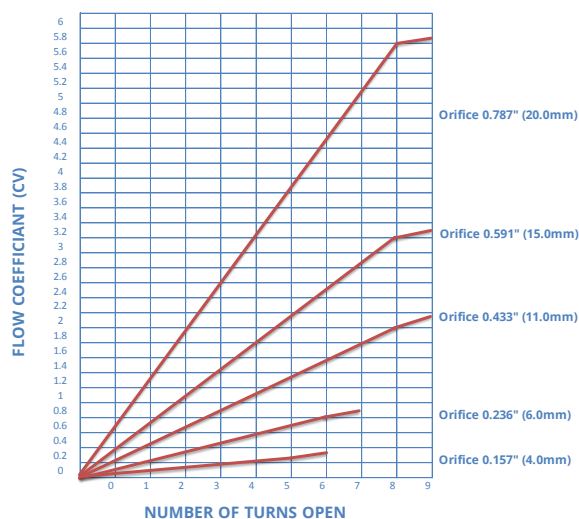
Description

Robinet à pointeau de précision en acier inoxydable 316, largement utilisé dans les applications d'instrumentation et hydrauliques. La vanne permet une régulation précise du débit, assurant une fermeture étanche positive.

NEEDLE VALVE



Flow Data at 100°F (37°C)



MATERIALS

No.	Component	Material
1	HANDLE	STAINLESS STEEL
2	SET SCREW	NICKEL CADMIUM PLATED STEEL
3	PACKING BOLT	SS 316 (A276)
4	STEM	SS 316 (A276)
5	LOCK NUT	SS 316 (B783)
6	BONNET	SS 316 (A479)
8	GLAND	SS 316 (A276)
9	PACKING	PTFE
10	LOWER STEM	SS 316 (A276) CHROME PLATED
11	BODY	SS 316 (A182 / A479)
12	LOCK PIN	SS 304 (A276)
13	SCREW	SS 304 (A276)
14	SPRING WASHER	SS 304 (A276)
15	BUSH	SS 304 (A276)

TEMPERATURES

ROOM	6000 PSI
500F	4000 PSI
10000F	1500 PSI

Compression Ended Needle Valve

Dimensions and Weights

Size	L	H Open	F	C	Orifice	CV	KG
1/4"	61	72.4	55	12.7	4	0.35	0.38
3/8"	71.6	88.9	63.5	14.3	6	0.85	0.45
1/2"	77.2	88.9	63.5	14.3	6	0.85	0.5
6mm	61	72.4	55	12.7	4	0.35	0.66
8mm	61	72.4	55	12.7	4	0.35	0.72
10mm	72.2	88.9	63.5	14.3	6	0.85	0.8
12mm	72.2	88.9	63.5	14.3	6	0.85	0.93