



NEEDLE VALVES

Mini Line Series

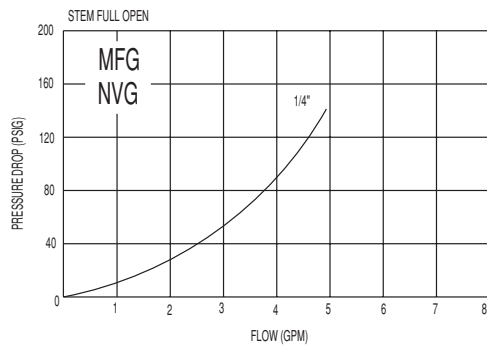
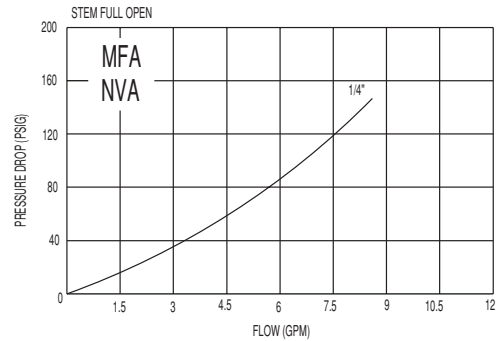
Specifications:

Maximum Operating Pressure	5000 PSIG Steel 2000 PSIG Air
Minimum Burst Pressure	8000 PSIG
Temperature Range	-40°F to +500°F
Orifice Diameter	.182"
Stem Taper	15°
Stem Pitch	32 Threads/Inch
CV Factor	See Ordering Information

Materials:

Body	ASTM B283 Brass
Stem	Brass
Knob	Brass
Bonnet Nut	Brass
Panel Mount Nut	Brass
Set Screw	Steel
Stem Packing	Teflon with Brass Gland

Performance



2000 Series

Ideal for applications which require fine metering and shut-off. Designed for use with air, oil, water, steam, liquid fuels and most chemicals.



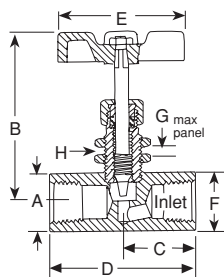
Features:

- Heavy duty brazed construction for added strength and safety up to 10,000 psi.
- Precision machined stems and valve bodies provide perfect seat alignment for leak-free shut-off.
- Carbon steel valves are zinc plated and sealed with black chromate for double corrosion protection.

Ordering Information:

FFG

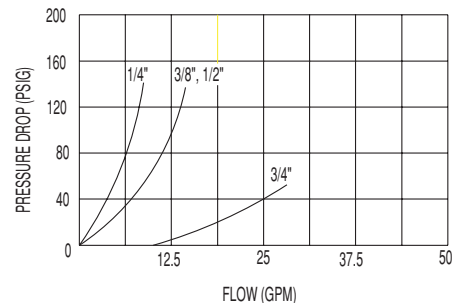
Vescor Part Number	Body Material	A NPT Female	B Max (In.)	C (In.)	D (In.)	E (In.)	F Square (In.)	G (In.)	H Dia. (In.)	Orifice Dia. (In.)	CV
FFG2002T	Carbon Steel	1/4	3 1/2	1 1/2	2 1/16	2 1/2	7/8	3/8	5/8	7/32	.66
FFG2003T	Carbon Steel	3/8	3 3/8	1 7/16	2 3/4	2 1/2	1-1/8	3/8	3/4	7/32	.70
FFG2004T	Carbon Steel	1/2	3 3/8	1 7/16	2 3/4	2 1/2	1 1/8	3/8	3/4	7/32	.70
FFG2006TA	Carbon Steel	3/4	5 1/16	1 13/16	3 3/8	4 1/4	1 1/2	7/8	1 1/2	9/16	3.90



Specifications:

Maximum Operating Pressure	10,000 PSIG Steel 2000 PSIG Air
Minimum Burst Pressure	20,000 PSIG
Temperature Range	-40°F to +500°F
Stem Taper	10.5° (1/4, 3/8, 1/2" Size) 15° (3/4 Size)
Stem Pitch	16 Threads/Inch (1/4, 3/8, 1/2" Size) 14 Threads/Inch (3/4 Size)
CV Factor	See Ordering Information

Performance



Panel Mounting Kits

Valve Size	Kit Number
1/4"	2002S
3/8 to 1/2"	2004S
3/4"	2005S

NOTE: WITH VESCORS' POLICY OF CONSTANTLY IMPROVING ITS PRODUCTS, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.