



BLUE RIBBON Sales & Services Corp.

INSTRUMENTATION NEEDLE VALVES

Our high quality instrumentation grade needle valves are designed for heavy-duty process applications or other industrial applications that require high-pressure carbon steel or stainless steel shut-off valves.

Our valves are available hard seat (10,000 PSI) or soft seat (6,000 PSI), 1/4" or 1/2" NPT, straight or angle pattern, male x male, female x female or male x female.

NVS Super Mini		NV (1/4"NPT) Mini		NV (1/2"NPT) & NVL (1/4"NPT) Full size		HV Hex Body		GV Multi-Port						
	Inch	mm		Inch	mm		Inch	mm		Inch	mm		Inch	mm
A	1.02"	26mm	A	1.81"	46mm	A	2.67"	68mm	A	3.65"	93mm	A	3.68"	93mm
B	.32"	8mm	B	.50"	13mm	B	2.64"	67mm	B	3.23"	82mm	B	4.46"	113mm
C1	.40"	10mm	C	.17"	4mm	C	1.12"	29mm	C	1.26"	32mm	C	1.26"	32mm
C2	.20"	6mm	D	.44"	11mm	D	.73"	19mm	D	1.65"	42mm	D	1.61"	41mm
D	.46"	12mm	E	.34"	9mm	E	2.25"	57mm	E	.75"	19mm	E	.82"	21mm
E	.75"	19mm	F	.75"	19mm				F	2.25"	57mm	F	2.25"	57mm
F	.52"	13mm	G	.61"	15mm									
G	1.31"	33mm	H	1.04"	26mm									

Part Number System:

Valve Designation:

NVS = "Super Mini" Style
 NV = Standard Size
 NVL = Full Size Body 1/4" NPT
 HV = Hex Body Valve
 GV = Multi-Port Gauge Valve

Body Material:

CS = Carbon Steel
 SS = 316 SS

Connection Size:

1/4 = 1/4" NPT
 3/8 = 3/8" NPT
 1/2 = 1/2" NPT

Outlet Connection

F = Female
 M = Male

Inlet Connection:

F = Female
 M = Male

Body Pattern:

180 = Straight Pattern
 90 = Angle pattern

Seat / Pressure Rating:

GS = Gas Service / 6000 PSI
 HS = Hydraulic Service / 1000 PSI

Blue Ribbon reserves the right to make product improvements and amendments to the product specifications stated throughout this brochure without prior notification. Please contact the factory on all critical dimensions and specifications for verification.

A5BR-NVS.00

477 Commerce Way, Suite 109, Longwood, FL 32750

Tel. (877) 677-8899 • Fax (407) 657-6622 • brsales@blueribboncorp.com • www.blueribboncorp.com