



Product



Needle Valve Selection Guide

Use this chart to determine which needle valve is most appropriate for your application.

	0, 1, 18	20, 26	N, NH	GU	DB	JN	D	PFA	S, M, L	4P, 5P	31	F10
Construction	Integral Bonnet	Integral Bonnet	Union Bonnet	Screwed Bonnet	Union Bonnet	Screwed Bonnet	Integral Bonnet	Union Bonnet	Metering	Rising Plug	Metering	Integral Bonnet
Size	1/8 to 3/4 in (6 to 18 mm)	1/4 to 1/2 in	1/8 to 1/2 in (6 to 25 mm)	1/4 to 1 in	1/4 to 1/2 in (10 to 12 mm)	1/8 to 1/4 in (6 mm)	1/8 to 1/2 in (6 mm)	1/4 to 1/2 in	1/16 to 1/4 in (3 to 6 mm)	1/4 to 3/4 in	1/8 to 1/4 in (6 mm)	1/2 in
Pressure	5000 PSIG	6000 PSIG	HN: 10000 PSIG N: 6000 PSIG	6000 PSIG	6000 PSIG	600 PSIG	3000 PSIG	180 PSIG	2000 PSIG	6000 PSIG	5000 PSIG	10000 PSIG
Temperature	-65 to 600° F	-65 to 600° F	-65 to 1200° F	-20 to 650° F	-65 to 1200° F	-40 to 300° F	-20 to 400° F	0 to 300° F	-65 to 850° F	-20 to 400° F	-65 to 850° F	0 to 850° F
Patterns	Straight Angled	Straight Angled	Straight Angled Acuated	Straight Angled	Straight	Straight Angled	Straight Angled	Straight	Straight Angled Cross Double Pattern	Straight Gauge Port	Straight Angled	Straight Angled Oblique
Compliance Available	API 624	API 624	API 624	API 624	None	None	None	None	None	API 624	None	None
Segmentation Strategy	Core	Core	Core	Legacy	Legacy	Legacy	Legacy	Legacy	S, M: Core L: Legacy	Core	Core	Legacy

Complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection. Swagelok catalogs can be found at swagelok.com.

Swagelok Minnesota | North Dakota | Appleton

800-422-6410

info@minnesota.swagelok.com

minnesota.swagelok.solutions

