

INSTRUMENTATION VALVES

METERING VALVES

N SERIES

- Panel or in-line mounting
- Angle or in-line patterns
- Valve stem threads not in contact with process fluid



HR SERIES

- Bubble tight shut-off capability
- High resolution metering valve with limited hysteresis
- Seven optional valve stem tapers



CARTRIDGE VALVE

- Valve pin o-ring guarantees positive shut off without stem damage
- Self-lubricating orifice liner
- Seven available needle tapers



Valve groups		Metering valves				
Model series		NS	NM	NL	HR	CARTRIDGE VALVE
Maximum operating pressure		2,000 psi 138 bar	1,000 psi 69 bar	1,000 psi 69 bar	250 psi 17 bar	250 psi 17 bar
Temperature	Min	-50 F -46 C	-50 F -46 C	-50 F -46 C	-50 F -46 C	
	Max	400 F 204 C	400 F 204 C	400 F 204 C	400 F 204 C	
CV	Max	0.040	0.100	0.200	0.100	
Body material	Brass	X	X	X	X	
	Stainless steel	X	X	X	X	
Seat material	Buna-N rubber	X	X	X	X	
	Ethylene Propylene rubber	X	X	X	X	
	Highly Fluorinated Fluorocarbon	X	X	X	X	
	Fluorocarbon rubber	X	X	X	X	
	Neoprene rubber	X	X	X	X	
End connection size range	Min	1/16 in 3 mm	1/8 in 3 mm	1/16 in 3 mm	1/16 in 3 mm	
	Max	1/4 in 6 mm	1/4 in 6 mm	3/8 in	1/4 in 6 mm	



Please Note: Dimensions for reference only, subject to change.