

Valves

Bleed and Purge Valves



- BV Series** (Catalog 4133-BP)
- Recommended for use in bleeding hydraulic systems
 - Multi-valve manifolds or gauge/root valves
 - Valve vents line pressure to atmosphere or to containment



- PG Series** (Catalog 4133-BP)
- Vent hole in the cap bleeds, drains or purges system pressure
 - Crimped cap ensures safe relief of system pressures
 - Optional PTFE ball requires only finger-tight torque to achieve a leak-tight seal

Valve Groups	Model Series	Maximum Operating Pressure	Temperature		Cv	Body Material			End Connections		Catalog
			Min	Max		Brass	Stainless Steel	Alloy	Min	Max	
Bleed and Purge Valves	BV	10000 psi 690 bar	-65 F -54 C	850 F 454 C	x		x	x	1/4"	1/2"	4131-BP
	PG	4000 psi 276 bar	-65 F -54 C	400 F 204 C		x	x	x	1/8"	1/2"	4131-BP
	MPBV	30000 psi 2068 bar	-10 F -23C	400 F 204 C			x		9/16"	9/16"	4234

Metering Valves



- N Series** (Catalog 4170-N)
- Panel or in-line mounting
 - Angle or in-line patterns
 - Valve stem threads not in contact with process fluid



- HR Series** (Catalog 4170-HR)
- Bubble tight shut-off capability
 - High resolution metering valve with limited hysteresis
 - Seven optional valve stem tapers

Valve Groups	Model Series	Maximum Operating Pressure	Temperature		Cv	Body Material		Seat Material					End Connections		Catalog
			Min	Max		Brass	Stainless Steel	Buna-N Rubber	Ethylene Propylene Rubber	Highly Fluorinated Fluorocarbon	Fluorocarbon Rubber	Neoprene Rubber	Min	Max	
Metering Valves	NS	2000 psi 138 bar	-50 F -46 C	400 F 204 C	0.040	x	x	x	x	x	x	x	1/16 in 3mm	1/4 in 6mm	4170-N
	NM	1000 psi 69 bar	-50 F -46 C	400 F 204 C	0.100	x	x	x	x	x	x	x	1/8 in 3mm	1/4 in 6mm	4170-N
	NL	1000 psi 69 bar	-50 F -46 C	400 F 204 C	0.200	x	x	x	x	x	x	x	1/8 in 6mm	3/8 in	4170-N
	HR	250 psi 17 bar	-50 F -46 C	400 F 204 C	0.100	x	x	x	x	x	x	x	1/16 in 3mm	1/4 in 6mm	4170-HR