

AVCS

automated valve component
& specialties



BV-Series low profile breather vents have many applications. They are most often used on single acting cylinders or valves to prevent dirt and foreign particles from entering ports open to the atmosphere. Common uses can also be found on vacuum relief or pressure equalization for gear boxes, crank cases, storage tanks or other vessels whenever pressure equalization is required.

Supplied with standard male pipe threads, they can be installed with little protrusion, as a flat integral part of the equipment. Unit should be mounted in a protective position from excessive vibration. Use wrench on hex head to tighten unit to the device. The filter element used in the standard breather vent is rated for 40 micron filtration, optional 10 or 90 micron is available upon request.

SPECIFICATIONS

ITEM	MODEL	BV-18	BV-28	BV-38	BV-48	BV-68	BV-88
CONNECTION	NPTM	1/8"	1/4"	3/8"	1/2"	3/4"	1"
OVERALL LENGTH	IN.	1/2"	11/16"	27/32"	61/64"	1-7/64"	1-11/32"
HEX	IN.	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"
MATERIAL	BODY	BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
	ELEMENT	SINTERED BRONZE 40Micron	SINTERED BRONZE 40Micron	SINTERED BRONZE 40Micron	SINTERED BRONZE 40Micron	SINTERED BRONZE 40Micron	SINTERED BRONZE 40Micron
MAX OPERATING PRESSURE		150 PSI	150 PSI	150 PSI	150 PSI	150 PSI	150 PSI
OPERATING TEMPERATURE		35°F to 300°F	35°F to 300°F	35°F to 300°F	35°F to 300°F	35°F to 300°F	35°F to 300°F
WEIGHT (APPROX)	OZ.	0.19	0.39	0.70	1.17	1.84	3.31
UNIT PAK	EA	10	10	10	10	5	1

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