

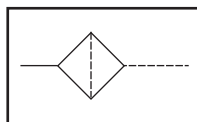
BV-Series Breather Vent

BV-Series low profile breather vent 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. 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.

SYMBOL



California Proposition 65 Warning

WARNING: This product can expose you to chemicals, including lead, which is known to the state of California to cause Cancer, Birth Defects or other reproductive harm. For more information go to www.p65warnings.ca.gov

HOW TO ORDER

BV	—	<input type="checkbox"/>	<input type="checkbox"/>	—	<input type="checkbox"/>	<input type="checkbox"/>	—	<input type="checkbox"/>	<input type="checkbox"/>
Breather Vent (Brass Fitting)	Connection	Port Option		Element Porosity					
	08 = 10-32, 16 = 1/16"	None = NPT		None = 40um					
	18 = 1/8", 28 = 1/4"	P = BSPT		10 = 10um					
	38 = 3/8", 48 = 1/2"	G = BSPP		90 = 90um					
	68 = 3/4", 88 = 1"								

SPECIFICATIONS

ITEM	MODEL	BV-08*	BV-16	BV-18	BV-28	BV-38	BV-48	BV-68	BV-88
CONNECTION	NPTM	10-32UNF	1/16"-27	1/8"-27	1/4"-18	3/8"-18	1/2"-14	3/4"-14	1"-11.5
OVERALL LENGTH	IN.	11/32"	13/32"	1/2"	11/16"	27/32"	31/32"	1-7/64"	1-11/32"
HEX	IN.	5/16"	3/8"	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"
MATERIAL	BODY	BRASS							
	ELEMENT	SINTERED BRONZE (40 micron standard, 10 or 90 micron available)							
MAX OPERATING PRESSURE		150 PSI (10.55 kg/cm ²)							
OPERATING TEMPERATURE		35° ~ 300°F (1.6° ~ 149°C)							
WEIGHT (APPROX.)	OZ.	0.07	0.12	0.19	0.39	0.70	1.17	1.84	3.31
UNIT PACK	EA.	10	10	10	10	10	10	5	1

* SUPPLY WITH GASKET.

BV-Series Breather Vent

Lower cost zinc - plated steel fitting



HOW TO ORDER

BVS — —
Breather Vent Connection Port Option
(Steel Fitting) 18 = 1/8", 28 = 1/4", None = NPT
 38 = 3/8", 48 = 1/2", P = BSPT
 68 = 3/4", 88 = 1"
 128 = 1-1/4", 148 = 1-1/2"

SPECIFICATIONS

ITEM	MODEL	BVS-18	BVS-28	BVS-38	BVS-48	BVS-68	BVS-88	BVS-128	BVS-148
CONNECTION	NPTM	1/8"-27	1/4"-18	3/8"-18	1/2"-14	3/4"-14	1"-11.5	1-1/4"-11.5	1-1/2"-11.5
OVERALL LENGTH	IN.	1/2"	45/64"	27/32"	63/64"	1-3/16"	1-11/32"	1-31/64"	1-9/16"
HEX	IN.	7/16"	9/16"	11/16"	7/8"	1-1/8"	1-63/64"	1-3/4"	1-31/32"
MATERIAL	BODY	ZINC-PLATED STEEL (Zn-Fe)							
	ELEMENT	SINTERED BRONZE (40 micron standard only)							
MAX OPERATING PRESSURE		150 PSI (10.55 kg/cm ²)							
OPERATING TEMPERATURE		35°~300°F (1.6°~149°C)							
WEIGHT (APPROX.)	OZ.	0.19	0.39	0.68	1.15	2.33	3.52	6.74	7.88
UNIT PACK	EA.	10	10	10	10	5	1	1	1



HOW TO ORDER

BV —
Breather Vent SAE# Connection (SAE)
(Brass Fitting) 4 = 7/16"-20, 6 = 9/16"-18
 8 = 3/4"-16, 10 = 7/8"-14
 12 = 1-1/16"-12

SPECIFICATIONS

ITEM	MODEL	BV-SAE#4	BV-SAE#6	BV-SAE#8	BV-SAE#10	BV-SAE#12
CONNECTION	SAE	7/16"-20	9/16"-18	3/4"-16	7/8"-14	1-1/16"-12
OVERALL LENGTH	IN.	47/64"	53/64"	15/16"	1-11/64"	1-11/32"
HEX	IN.	9/16"	11/16"	7/8"	1-11/64"	1-11/32"
MATERIAL	BODY	BRASS				
	ELEMENT	SINTERED BRONZE (70 micron)				
MAX OPERATING PRESSURE		150 PSI (10.55 kg/cm ²)				
OPERATING TEMPERATURE		35°~300°F (1.6°~149°C)				
WEIGHT (APPROX.)	OZ.	0.42	0.71	1.18	2.30	3.90
UNIT PACK	EA.	50	50	50	50	50