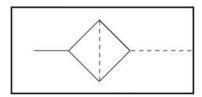


BV-Series low profile breather vents have many applications. They are most often used on single acting cylinders or valves to prevent dirt and foreign particles from entering ports open to the atmosphere. Common uses can also be found on vacuum relief or pressure equalization for gear boxes, crank cases,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

Supplied with standard male pipe threads, they can be installed, with little protrustion, 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. Optional nickel plated finish on the element and fitting is now available.

Symbol



HOW TO ORDER										
BV — Breather Vent	Connection 08=10-32 18=1/8" 28=1/4" 38=3/8" 48=1/2" 68=3/4" 88=1" 128=1-1/4" 148=1-1/2"	None=NPT (Inch) P=BSPP (Metric)	Element Size None=40um(Standard) 10=10um 90=90um	Finish N=Nickel Plated Fitting NP=Complete Nickel plated fitting and element						

SPECIFICATIONS

ITEM	MO	DEL	BV-08*	BV-18	BV-28	BV-38	BV-48	BV-68	BV-88	BV-128	BV-148
CONNECTION NPT			10-32NF	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"
OVERALL LENGTH IN.			26/64"	1/2"	11/16"	27/32"	31/32"	1-11/64"	1-11/32"	1-9/16"	1-5/8"
HEX IN.			5/16"	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"	1-3/4"	2"
MATERIAL	BODY		BRASS								
	ELEMENT		SINTERED BRONZE (40 micron standard, also available in 10 or 90 micron)								
MAX OPERATII	MAX OPERATING PRESSURE 150 PSI (10.55 kg/cm²)										
OPERATING TEMPERATURE 35~ 300°F (1.6~ 149°C)											
WEIGHT(APPR	OX.)	OZ.	. 0.07 0.19 0.39 0.70 1.17 1.84 3.31 7.25 9.0						9.05		
UNIT PACK	N	EA.	EA. 10 10 10 10 10 5 1 1 1						1		

^{*}SUPPLY WITH GASKET.



HOW TO ORDER

BV -

SAE#

Breather Vent

Connection (SAE)

4 = 7/16"-20 8 = 3/4"-16

6 = 9/16"-18 10 = 7/8"-14

12 = 1-1/16"-12

SPECIFICATIONS (SAE Thread)

ITEM	MO	DEL	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 LEN	GTH	IN.	47/64"	13/16"	15/16"	1-5/32"	1-3/8"		
HEX		IN.	9/16"	11/16"	7/8"	1-5/32"	1-11/32"		
MATERIAL	BODY		BRASS						
MATERIAL	ELEMENT		SINTERED BRONZE (40 micron)						
MAX OPERATII	NG PRESSURE		150 PSI (10.55 kg/cm²)						
OPERATING TE	ERATING TEMPERATURE 35~ 300°F (1.6~ 149°C)								
WEIGHT(APPROX.) OZ. 0.42 0.71 1.18 2.30 3						3.90			
UNIT PACK EA. 50 50 50 50						50			



HOW TO ORDER

FBV

Female Breather Vent

Connection (NPTF) 18 = 1/8", 28 = 1/4" 38 = 3/8", 48 = 1/2"

SPECIFICATIONS (Female Thread)

ITEM	MODE	EL	FBV-18	FBV-28	FBV-38	FBV-48		
CONNECTION NPT			1/8"	1/4"	1/2"			
OVERALL LENGTH IN.			11/16"	13/16"	13/16" 31/32"			
HEX IN.			9/16"	11/16"	7/8"	1-9/64"		
MATERIAL	BODY		BRASS					
WATERIAL	ELEMENT		SINTERED BRONZE (40 micron)					
MAX OPERATING PRESSURE 150 PSI (10.55 kg/cm²)								
OPERATING T	EMPERATURE		35~ 300°F (1.6~ 149°C)					
WEIGHT(APPROX.) OZ.			0.56	0.98	1.70	3.81		
UNIT PACK EA.			5	5	5	5		