

BREATHER VENT

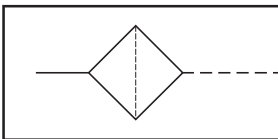
BVS-SERIES



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.

Symbol



HOW TO ORDER

BVS — —

Breather Vent Connection (NPTM) Port Option Finish
 18=1/8", 28=1/4" None=NPT None=Ni-Fe Fitting/Bronze Element
 38=3/8", 48=1/2" P = BSPT NP=Completely Nickel plated
 68=3/4", 88=1" (Element + Fitting)
 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"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"
OVERALL LENGTH	IN.	1/2"	11/16"	27/32"	6164"	1-7/64"	1-11/32"	1-9/16"	1-5/8"
HEX	IN.	7/16"	9/16"	11/16"	7/8"	1-9/64"	1-11/32"	1-3/4"	2"
MATERIAL	BODY	NICKEL-PLATED IRON (Ni-Fe)							
	ELEMENT	SINTERED BRONZE (40 micron Standard, 10 or 90 micron available)							
MAX OPERATING PRESSURE		150 PSI (10.55 kg/cm ²)							
OPERATING TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)							
WEIGHT (APPROX.)	OZ.	0.19	0.39	0.70	1.17	1.84	3.31	7.25	9.05
UNIT PACK	EA.	10	10	10	10	5	1	1	1

* SUPPLY WITH GASKET.

HOW TO ORDER

FBVS —

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

SPECIFICATIONS

ITEM	MODEL	FBVS-18	FBVS-28	FBVS-38	FBVS-48
CONNECTION	NPTF	1/8"	1/4"	3/8"	1/2"
OVERALL LENGTH	IN.	11/16"	13/16"	31/32"	1-11/64"
HEX	IN.	9/16"	11/16"	7/8"	1-9/16"
MATERIAL	BODY	NICKEL-PLATED IRON (Ni-Fe)			
	ELEMENT	SINTERED BRONZE (40 micron Standard, 10 or 90 micron available)			
MAX OPERATING PRESSURE		150 PSI (10.55 kg/cm ²)			
OPERATING TEMPERATURE		35°F TO 300°F (1.6°C to 149°C)			
WEIGHT (APPROX.)	OZ.	0.56	0.98	1.70	3.81
UNIT PACK	EA.	5	5	5	5