

Miniature Hydraulic Breathers

HB Series 1/4" - 1"

Overview

Solberg's breathers are designed to protect hydraulic tanks, lube oil reservoirs, gearboxes and other enclosures that need bidirectional venting. Our line of breathers improve flow dynamics, reduce noise, help maintain fluid purity, and minimize oil migration to the surrounding environment. Keep your system free of contaminants and maximize uptime with Solberg's breathers.

Benefits

- Toolless design
- Ease of maintenance
- Equipment protection
- Noise reduction
- Compact designs

Features

- Replaceable "hockey puck style" filter element
 - Integrated gasket seal
 - High efficiency polyester media
- Integrated rain cap and inlet tube design minimizes potential for moisture migration during wash down
- Corrosive resistant black powder coat carbon steel
- Weld free
- Integrated noise silencer

Technical Specifications

- Temp (continuous): min -15°F (-26°C) max 220°F (104°C)
- Breather change out differential: 15-20" H₂O over initial ΔP
- Pressure drop graphs available upon request
- Polyester: 99%+ removal efficiency standard to 10 microns

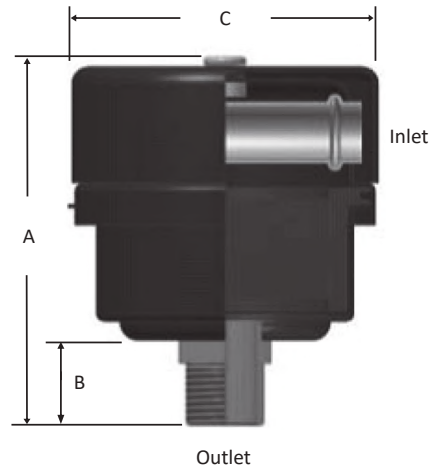


Options

- High vibration designs
- Custom connections
- Equipment specific configurations

Rev: HB-US0320K

HB Series 1/4" - 1"



MPT Outlet	Flow Rating		Assembly Part Number	Dimensions - inches			Suggested Service ht. inches	Approx. Weight lbs.	Replacement Element Part No.
	SCFM	GPM		A	B	C			
1/4"	4	30	HB-05-025	2 7/8	1 1/16	2 1/2	1	0.25	05
3/8"	8	60	HB-05-038	2 7/8	1 1/16	2 1/2	1	0.25	05
3/8"	8	60	HB-07-038	3 5/8	1 1/16	3 1/4	2	0.50	07
1/2"	8	60	HB-05-050	3 1/8	7/8	2 1/2	1	0.25	05
1/2"	12	90	HB-07-050	4	7/8	3 1/4	2	0.50	07
1/2"	12	90	HB-11-050	4 1/4	7/8	5	2	1	11
3/4"	12	90	HB-07-075	4 1/4	1 1/4	3 1/4	2	0.50	07
3/4"	25	187	HB-11-075	4 5/8	1 1/4	5	2	1	11
1"	35	262	HB-11-100	4 5/8	1 1/4	5	2	1	11

FS Series / F Series

- Corrosive resistant powder coat carbon steel
- Heavy gauge base
- Polyester: 99%+ removal efficiency standard to 5 microns
- Integrated noise silencers (FS Series)
- Multiple filter media types available
- Standard connections: 1/2" through 1"

MIN Series

- Exposed element for low restriction
- Disposable
- Polyester: 99%+ removal efficiency standard to 5 microns
- Standard connections: 1/4" and 3/8"



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All model offerings and design parameters are subject to change without prior notice.
Contact your representative or Solberg for the most current information.