

FMVB

Forbes Marshall Vacuum Breaker

Description

The Forbes Marshall Vacuum Breaker, FMVB, is a vacuum breaker, designed as per standards ASME Section VIII Division 1 to fit on steam or liquid systems.

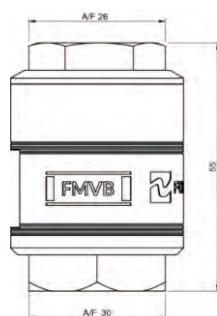
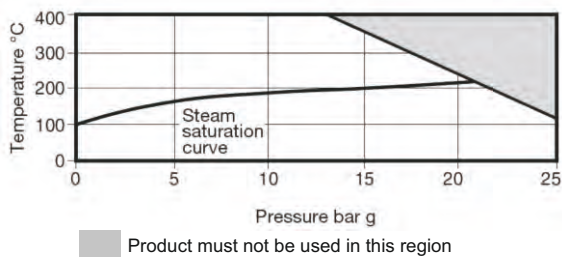
Sizes and Pipe Connections

DN 15 (system connection) screwed BSPT or NPT
1/8" (air inlet connection) screwed BSP

Limiting Conditions

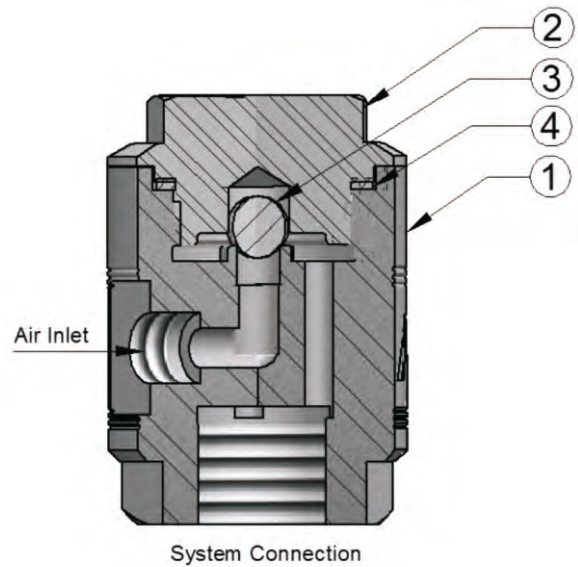
Body design conditions	25 barg
PMA Maximum allowable pressure	25 barg @ 120°C
TMA Maximum allowable temperature	400°C @ 13 bar g
Minimum allowable temperature	0°C
PMO Maximum operating pressure for saturated steam service	21 bar g
TMO Maximum operating Temperature	400°C @ 13 bar g

Operating Range



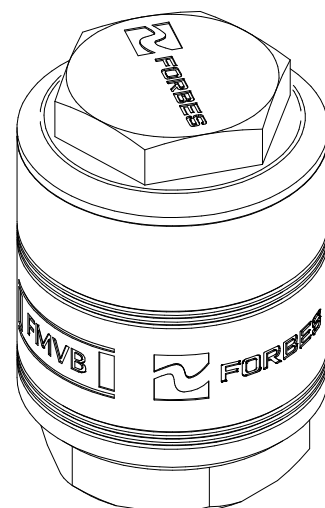
Dimensions/weight (approx.) in mm and kg

Size	A	B	C	Weight
1/2"	55	26	30	0.37



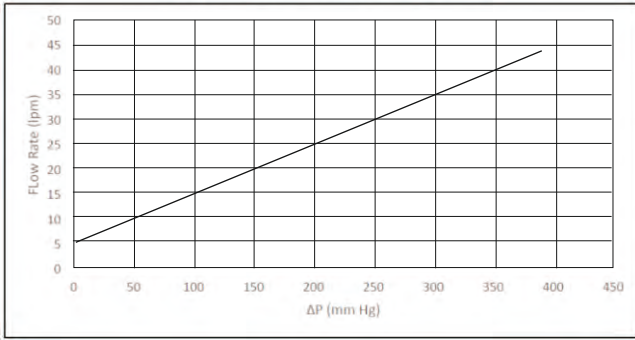
Material

Sr No.	Description	Material
1	Body	ASTMA 276 Type 316
2	Cap	ASTMA 276 Type 316
3	Ball	AISI440 C
4	Gasket	SS Reinforced Exfoliated Graphite



Capacity Chart

ΔP required to open vacuum breaker is 5 mm Hg



Recommended Tightening Torque

Recommended Tightening Torque is 120 Nm

Installation

The Forbes Marshall vacuum breaker FMVB must be installed in a vertical position. The system connection should be at the bottom. It should be installed at the highest point in the system and should not be flooded with condensate.

How to Order

Example-1 No. 1/2" Forbes Marshall vacuum breaker FMVB BSPT

Spare parts

015FMVB-GKIT- Forbes Marshall Vacuum Breaker Gasket Kit (Pack of 2)



www.forbesmarshall.com

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Codel International

Krohne Marshall

Forbes Vyncke

Forbes Marshall Steam Systems

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