

VACUUM BREAKER VB16C

DESCRIPTION

The VB16C vacuum breakers are simple and reliable devices that automatically relieve or “break” an unwanted vacuum condition, restoring the atmospheric pressure.

This device is particularly suitable for steam heated units of small and medium volume, such as heat exchangers, heating coils, calorifiers, jacketed kettles, steam boilers, etc.

MAIN FEATURES

Internal wetted parts: $\leq 0,51$ micron Ra – SF1.

External: $\leq 0,76$ micron Ra – SF3.

Other surface conditions see IS PV20.00 E – Technical information.

Ultrasonic cleaning.

USE: Saturated steam and other gases compatible with the construction.

AVAILABLE MODELS: VB16C.

SIZES: 1" – DN 25.

REGULATING RANGES: 0,05 – 0,10 bar; 0,09 – 0,20 bar; 0,19 – 0,30 bar; 0,29 – 0,40 bar; 0,39 – 0,50 bar.

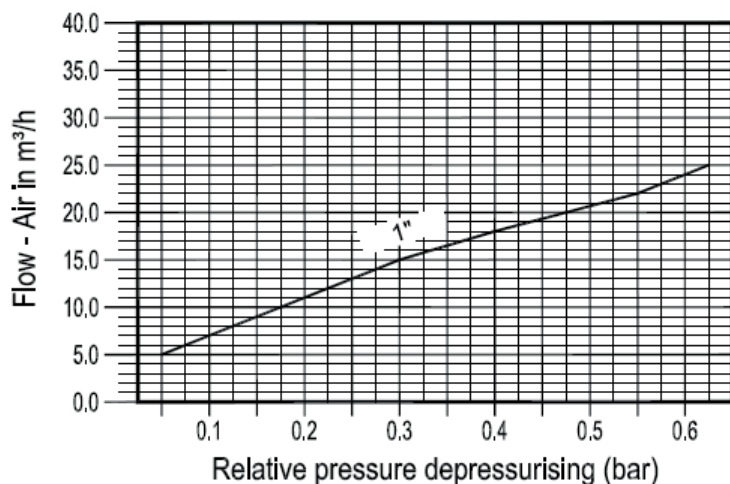
CONNECTIONS: ASME BPE, DIN and ISO clamp ferrules. Others on request.

PACKAGING: Assembling and packaging in a clean room certified according to ISO 14644-1. The product is end capped and sealed with recyclable thermo-shrinkable plastic film, to avoid contamination.

INSTALLATION: Vertical installation. See IMI – Installation and maintenance instructions.



CAPACITY CHART



LIMITING CONDITIONS

Body design conditions	PN 16
Maximum operating pressure	13 bar @ 38°C
Maximum operating steam pressure	6 bar
Max. operating temp. (steam and water)	170 °C
Maximum operating temperature (air)	150 °C
Minimum operating temperature	- 10 °C

CE MARKING – GROUP 2 (PED – European Directive)

PN 16	Category
1" – DN 25	SEP

DIMENSIONS (mm) DIN					
SIZE	A	B	F	H	WEIGHT (kg)
DN 25	120	42	50,5	26	0,85

DIMENSIONS (mm) ISO					
SIZE	A	B	F	H	WEIGHT (kg)
DN 25	120	42	50,5	29,7	0.85

Remarks: FDA / USP Class VI seals certificate on request.