

# Vacuum Breaker

## VB 14

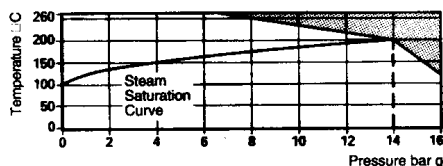
### Description :


The VB 14 is a small purpose designed vacuum breaker for general purpose applications on condensing vapour (steam) or liquid systems.

### Limiting conditions :

Body design conditions PN 16  
 Maximum design temperature 260°C  
 Maximum cold hydraulic test pressure 24 barg

### Operating range :



 The product must not be used in this region.

### Sizes and Pipe Connections :

1/2" (System connection) Screwed BSP or NPT  
 1/8" (Air inlet connection) Screwed BSP or NPT.

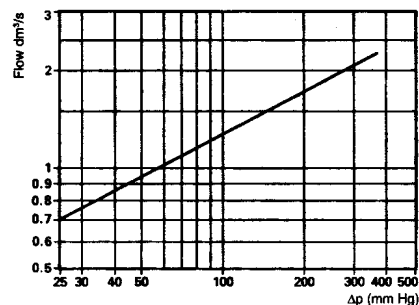
### Materials :

No. Part	Material
1 Cap	Brass CU ZN 39 PB2
2 Valve	Stainless Steel Z 100 CD 17
3 Valve Seat	Stainless Steel Z15 CN 1602
4 Body	Brass CU ZN 39 PB2
5 Gasket	Stainless Steel AISI 304

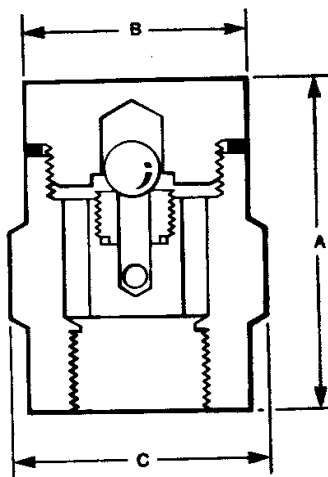
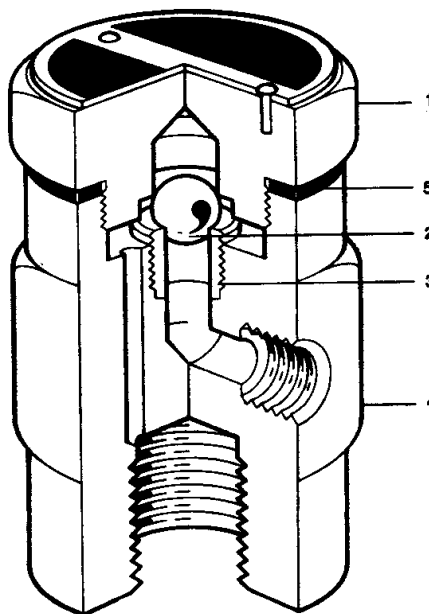
### Dimensions : (approx.) in mm

Size	A	B (A/F)	C	Weight
1/2"	55	34	39	0.35 kg

### Capacity :



Flow coefficient Kv = 0.52  
 Δ P required to open vacuum breaker 4.6 mm Hg



### Installation :

The VB 14 Vacuum Breaker must be installed in a vertical position with the system connection at the bottom.

### How to Specify :

SPIRAX SARCO 1/2" VB 14 Vacuum Breaker screwed BSP.