

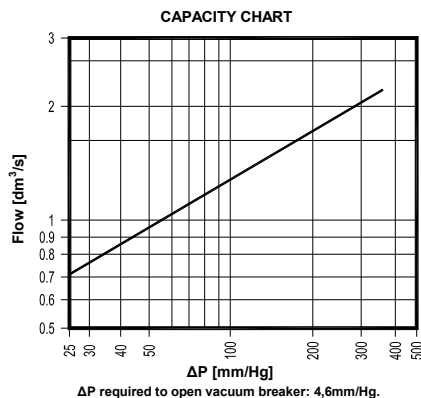


## Vacuum Breaker - VB 21

### Description

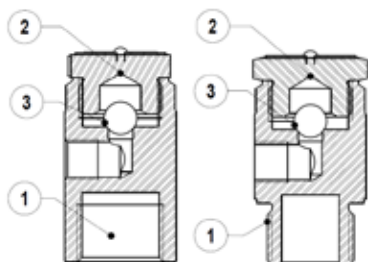
The VB21 vacuum breakers are simple and reliable devices that automatically relieve or “break” an unwanted vacuum condition, restoring the atmospheric pressure. This device is particularly suitable for steam heated units of small and medium volume as heat exchangers, heating coils, calorifiers, jacketed kettles, steam boilers, etc. Connections are female screwed.

Article no. BSP	Type	Price
<b>345063</b>	VB21 Female	<b>£122.00</b>
<b>551455</b>	VB21M Male	<b>£122.00</b>



### Materials

- 1 Body AISI303 / 1.4305
- 2 Cover AISI303 / 1.4305
- 3 \* Ball valve Stainless steel
- \* Available spare parts



## Pipeline Y Strainers - IS 140

### Description

IS140 strainers are applicable to all types of steam, water, oil and air systems. Their purpose is to protect traps, regulating valves, piping, etc. from dirt which are often times the cause of damage and consequently energy loss of fluid systems. Connections are female screwed.

### IS140S - Carbon Steel

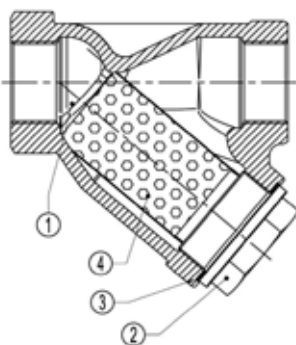
Article no. BSP	Size	Max Pressure BAR	Price
<b>445683</b>	1/2"	40	<b>£60.00</b>
<b>445684</b>	3/4"	40	<b>£78.50</b>
<b>445685</b>	1"	40	<b>£104.00</b>
<b>445686</b>	1 1/4"	40	<b>£157.00</b>
<b>445687</b>	1 1/2"	40	<b>£195.50</b>
<b>445688</b>	2"	40	<b>£274.00</b>

### IS140I - Stainless Steel

Article no. BSP	Size	Max Pressure BAR	Price
<b>348503</b>	1/2"	40	<b>£84.00</b>
<b>348504</b>	3/4"	40	<b>£115.00</b>
<b>348505</b>	1"	40	<b>£131.50</b>

### Materials

- |    |                                     |                     |
|----|-------------------------------------|---------------------|
|    | <b>IS140S</b>                       | <b>IS140I</b>       |
| 1  | Body<br>ASTM A216WCB 1.0619         | CF8M / 1.4408       |
| 2  | Cap<br>A105 / 1.0432                | AISI316 / 1.4401    |
| 3* | Gasket<br>St.Steel / Graphite       | St.Steel / Graphite |
| 4* | Strainer screen<br>AISI304 / 1.4301 | AISI304 / 1.4301    |
|    | * Available spare parts             |                     |



### Valve Body Limiting Conditions

IS 140S		IS 140I	
Allowable Pressures	Related Temp.	Allowable Pressures	Related Temp.
40 bar	-10 / 50°C	40 bar	-10 / 50°C
33.3 bar	200°C	33,7 bar	200°C
27.6 bar	300°C	29.7 bar	200°C
25.7 bar	350°C	28.5 bar	350°C
23.8 bar	400 °C	27.4 bar	400 °C

\* Rating according to EN1092.1:2007