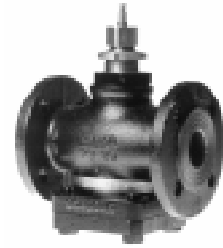


**2-PORT BALANCED PRESSURE FLANGED PN 25 (-10...230 °C) SEAT VALVES**

**VBS 2..**

**APPLICATION**

- Control valves for: – Hot water and superheatedwater, max. 230 °C.  
 – Chilled water, min. -10 °C (glycol 50% max.).  
 – Steam, max. 7 bar (absolute).



**FEATURES**

- Body in spheroidal cast iron UNI ISO 1083-400-15; Spindle, seat and plug in stainless steel AISI 303.
- Flanged ends PN25.
- Control: equal percentage; Let by: 0,02% Kvs.

Code	DN mm	Kvs <sup>(1)</sup> m <sup>3</sup> /h	Run mm.	Suitable actuators				Data sheet
				MVL .... 1.33 s/mm		MVA 064 1.33 s/mm		
				bar <sup>(2)</sup>	s <sup>(3)</sup>	bar <sup>(2)</sup>	s <sup>(3)</sup>	
<b>VBS 223</b>	25	4	16.5	7	22	7	22	M 971
<b>VBS 224</b>	25	6.3	25	7	33	7	33	M 971
<b>VBS 225</b>	25	10	25	7	33	7	33	M 971
<b>VBS 232</b>	32	16	25	7	33	7	33	M 971
<b>VBS 240</b>	40	25	25	7	33	7	33	M 971
<b>VBS 250</b>	50	40	25	7	33	7	33	M 971
<b>VBS 265</b>	65	63	25	7	33	7	33	M 971

(1) : Kvs = Flow coefficient : Flow in m<sup>3</sup>/h with valve open and pressure drop of 100 kPa.

100 kPa = 10 mWG = 1 bar

(2) : bar = Maximum pressure differential ( $\Delta p$  max) permitted by actuator.

(3) : s = Time (seconds) necessary for actuator to make the complete valve run.