

2-PORT BALANCED PRESSURE FLANGED PN 16 (-10...150 °C) SEAT VALVES

VBG 2..

APPLICATION

Control valves for: – Hot water and superheatedwater, max. 150 °C.
 – Chilled water, min. -10 °C (glycol 50% max.).
 – Steam, max. 2 bar (absolute).



FEATURES

- Body in cast iron; Spindle in AISI 303 stainless steel; Plug in bronze;
- Flanged ends PN16.
- Control: equal percentage; Let by: 0,03% Kvs.

Code	DN mm	Kvs ⁽¹⁾ m ³ /h	Run mm.	Suitable actuators				Data sheet
				MVL 1.33 s/mm		MVA 064 1.33 s/mm		
				bar ⁽²⁾	s ⁽³⁾	bar ⁽²⁾	s ⁽³⁾	
VBG 280	80	100	45	2	60	2	60	M 972
VBG 2100	100	130	45	2	60	2	60	M 972
VBG 2125	125	200	45	2	60	2	60	M 972
VBG 2150	150	300	45	2	60	2	60	M 972

(1) : Kvs = Flow coefficient : Flow in m³/h with valve open and pressure drop of 100 kPa.

100 kPa = 10 mWG = 1 bar

(2) : bar = Maximum pressure differential (Δp max) permitted by actuator.

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