

2-PORT BALANCED PRESSURE FLANGED PN 25 (5...150 °C) SEAT VALVES

VB 2..

APPLICATION

Control valves for hot water and superheated water max 150 °C.

FEATURES

- Body in cast iron GGG 40.3; Spindle, seat and plug in stainless steel.
- Flanged ends PN 25 (ISO 7005/2)
- Control: Equipercantage. Control ratio 50:1. Let by: = 0.05% Kvs.



Code	DN mm	Kvs ⁽¹⁾ m ³ /h	Run mm.	Suitable actuators						Data sheet
				CLQ 07.. CEQ 07.. ⁽⁴⁾ 14 s/mm		CLR 15.. CER 15.. ⁽⁴⁾ 15 s/mm		CLR 03.. CER 03.. ⁽⁴⁾ 3 s/mm		
VB 209	15	0.25	5	bar ⁽²⁾	s ⁽³⁾	bar ⁽²⁾	s ⁽³⁾	bar ⁽²⁾	s ⁽³⁾	M 962
VB 210	15	0.4	5	16	70	16	75	16	15	M 962
VB 211	15	0.63	5	16	70	16	75	16	15	M 962
VB 212	15	1.0	5	16	70	16	75	16	15	M 962
VB 213	15	1.6	5	16	70	16	75	16	15	M 962
VB 214	15	2.5	5	16	70	16	75	16	15	M 962
VB 215	15	4.0	5	16	70	16	75	16	15	M 962
VB 220	20	6.3	5	16	70	16	75	16	15	M 962
VB 225	25	10.0	7	–	–	16	105	16	21	M 962
VB 232	32	16.0	10	–	–	16	150	16	30	M 962
VB 240	40	25.0	10	–	–	16	150	16	30	M 962
VB 250	50	40.0	10	–	–	16	150	16	30	M 962

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

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

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

(4) : actuator with emergency closure.

100 kPa = 10 mWG = 1 bar