

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

VM 2..

APPLICATION

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

FEATURES

- Body in bronze RG5; Spindle, seat and plug in stainless steel.
- Connections by male threaded unions ISO 228/1.
- Control: Equipercantage. Control ratio 50:1. Let by: = 0.05% Kvs.



Code	DN body mm	DN connect valve	DN connect pipes	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		
			males	males		bar ⁽²⁾	s ⁽³⁾	bar ⁽²⁾	s ⁽³⁾	bar ⁽²⁾	s ⁽³⁾	
VM 209	15	3/4"	1/2"	0.25	5	16	70	16	75	16	15	M 961
VM 210	15	3/4"	1/2"	0.4	5	16	70	16	75	16	15	M 961
VM 211	15	3/4"	1/2"	0.63	5	16	70	16	75	16	15	M 961
VM 212	15	3/4"	1/2"	1.0	5	16	70	16	75	16	15	M 961
VM 213	15	3/4"	1/2"	1.6	5	16	70	16	75	16	15	M 961
VM 214	15	3/4"	1/2"	2.5	5	16	70	16	75	16	15	M 961
VM 219	20	1"	3/4"	4.0	5	16	70	16	75	16	15	M 961
VM 224	25	1"1/4	1"	6.3	5	16	70	16	75	16	15	M 961
VM 230	32	1"1/2	1"1/4	10.0	7	–	–	16	105	16	21	M 961
VM 239	40	2"	1"1/2	16.0	10	–	–	16	150	16	30	M 961
VM 248	50	2"1/2	2"	25.0	10	–	–	16	150	16	30	M 961

(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.

(4) : actuator with emergency closure.