

Female 6-way control valves type 6WV

The 6-way valve is for controlling a terminal unit, usually a hydraulic ceiling heating / cooling or chilled beam, operating in 4-pipe changeover. Through its unique technology, a single valve, actuator and one single regulatory sequence, it revolutionized the design of these systems and replace solutions like traditional carried out on the base of 4 -2way valves, 4 actuators and 2 control units.

Brand

- Belimo

Application

The ball valve has been designed for use in stationary heating, ventilation and air-conditioning systems and is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.

Accessoires

Actuator

- Modulating 0-10V 24V, type **LR24A-SR**

Type	Specifications			
	DN [mm]	Rp [Inch]	kvs I [m ³ /h]	kvs II [m ³ /h]
R3015-1-1-B2	15	1/2	1	1,3
R3020-1-1P6-B2	20	3/4	1	1,6
R3015-P4-1-B2	15	1/2	0,4	1
R3015-P4-P63-B2	15	1/2	0,4	0,63
R3015-1P3-1P3-B2	15	1/2	1,3	1,3
R3015-P25-1-B2	15	1/2	0,25	1
R3015-P25-P25-B2	15	1/2	0,25	0,25
R3015-P63-1-B2	15	1/2	0,63	1
R3020-1-2P5-B2	20	3/4	1	2,5
R3020-1P6-1-B2	20	3/4	1,6	1
R3020-1P6-1P6-B2	20	3/4	1,6	1,6
R3020-1P6-2P5-B2	20	3/4	1,6	2,5
R3020-2P5-1-B2	20	3/4	2,5	1
R3020-2P5-1P6-B2	20	3/4	2,5	1,6
R3020-2P5-2P5-B2	20	3/4	2,5	2,5

Technical data

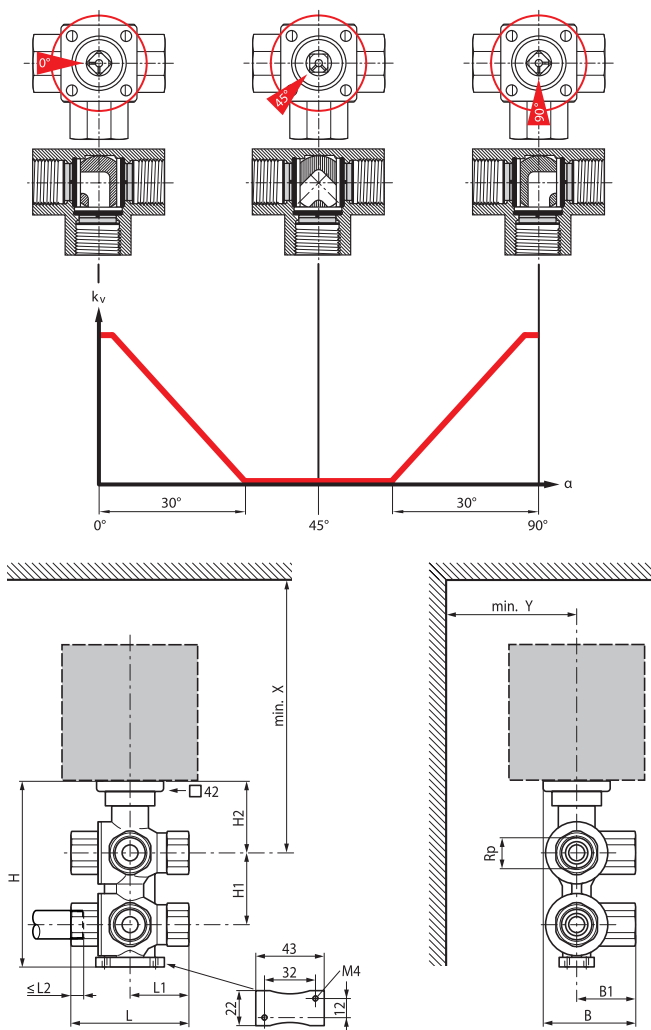
Functional data

- Media: Cold and hot water, water with glycol up to max. 50% vol
- Medium temperature: 6...80 °C
- Closing pressure Δp_s : 1600 kPa
- Differential pressure Δp_{max} : 100 kPa

- Leakage rate: A, Air bubble-tight (EN 12266-1)
- Pipe connectors: Internal thread in accordance with ISO 7/1
- Angle of rotation:
 - Sequence 1: 0...30° (cooling recommended)
 - Dead zone: 30...60°
 - Sequence 2: 60...90° (heating recommended)
- Installation position: Upright to horizontal (in relation to the stem)
- Maintenance: Maintenance-free

Materials

- Housing: brass body nickel-plated
- Closing element: chrome-plated brass
- Stem: nickel-plated brass
- Stem seal: O-ring EPDM
- Valve seat: PTFE, O-ring EPDM



Type	Dimensions												weight	
	DN	Rp	L	L1	L2	B	B1	H	H1	H2	X	Y		
	[mm]	["]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
R3015-xx-xx-B2	15	1/2	79	39,5	13	54	33	119	45	47	200	40	40	1,1
R3020-xx-xx-B2	20	3/4	100	50	14	70	43	148	59	54	230	40	40	2,1

