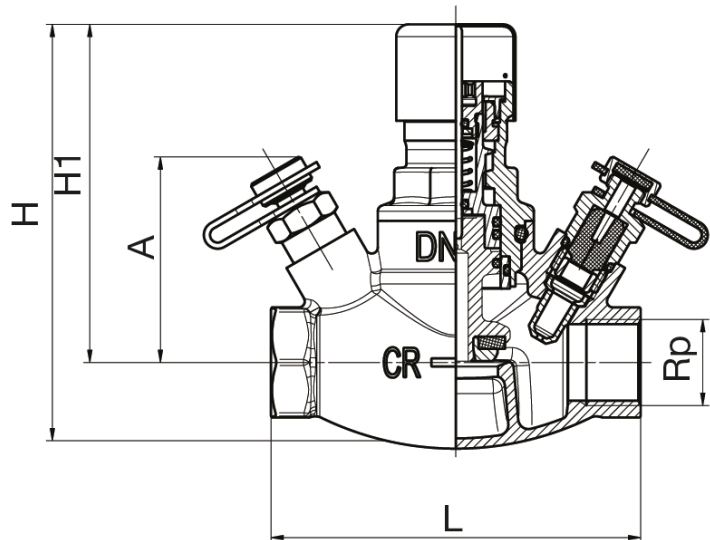


HERZ 7217 GV

for thermostatic control

Data sheet 7217 GV, Issue 0915

Size in mm



Order number	DN	Rp	L	H	H1	H + actuator	A	M	kvs
1 7217 71	15	½	90	101	82	162	50	M28x1,5	5,00
1 7217 72	20	¾	97	101	82	162	50	M28x1,5	5,60
1 7217 73	25	1	110	114	88	168	50	M28x1,5	7,78

Control Valve HERZ 7217 GV with test points

Straight model with pre-settable thermostatic upper part, brass version, pipe connection on both sides with Rp female thread. Externally adjustable continuous pre-setting. The pre-setting key (1 4006 02 or 1 6625 00) has to be ordered separately. 2 test points are mounted next to the thermostatic insert, body made of DZR brass. M 28 x 1.5 thread connection for actuators.

Technical data

Max. operating pressure	16 bar
Max. differential pressure on the body	4 bar
Max. differential pressure on the seat	4 bar
Min. operating temperature	2 °C (pure water)
Min. operating temperature	- 20 °C (frost protection)
Max. operating temperature	130 °C
Stroke	4 mm

Body material	DZR brass (CC752S)
Bonnet material	DZR brass (CW602)
Sealings and O-rings	EPDM

Water purity in accordance with the ÖNORM H 5195 and VDI 2035 standards

Ethylene and propylene glycol can be mixed to a ratio of 25 - 50 vol. [%].

HERZ compression adapters for copper and steel pipes, allowable temperature and pressure ratings according to EN 1254-2 1998 Table 5. HERZ plastic pipe connections max. operating temperature 95 °C and max. Operating pressure 10 bar, if approved by the pipe manufacturer.

Ammonia contained in hemp can damage brass valve bodies, EPDM gaskets can be affected by Mineral oils lubricants and thus lead to failure of the EPDM seals. Please refer to manufacturers documentation when using ethylene glycol products for frost and corrosion protection.

 Application

Heating and Cooling for Fan coils and other terminal units, for control and balancing with high accuracy and good repeatability. Also used as zone control valve for heating and cooling circuits.

 Flow direction

When installing the valve the flow direction arrow must be followed.

 Pre-setting

The valve setting is clearly shown in percent. The preset value can be easily adjusted. The preset valve can be isolated at any time or adjusted to the required flow rate.

DN	15	20	25
kvs	5,0	5,6	7,78
Position	kv	kv	kv
1,25%	0,08	0,06	0,04
2,5%	0,19	0,18	0,18
5%	0,37	0,41	0,49
10%	0,67	0,70	1,12
15%	0,94	0,95	1,50
20%	1,20	1,19	1,83
25%	1,46	1,42	2,12
37,5%	1,91	1,92	3,22
50%	2,67	2,60	4,30
62,5%	3,34	3,56	5,42
75%	4,00	4,35	6,31
87,5%	4,61	5,08	7,17
100%	5,00	5,60	7,78

 Test points

Two test points are fitted on the same side of the valve and factory sealed. Thanks to this arrangement they are easily accessible and measurement devices can be quickly fitted, no matter in what position the valve has been installed.

 Other Versions

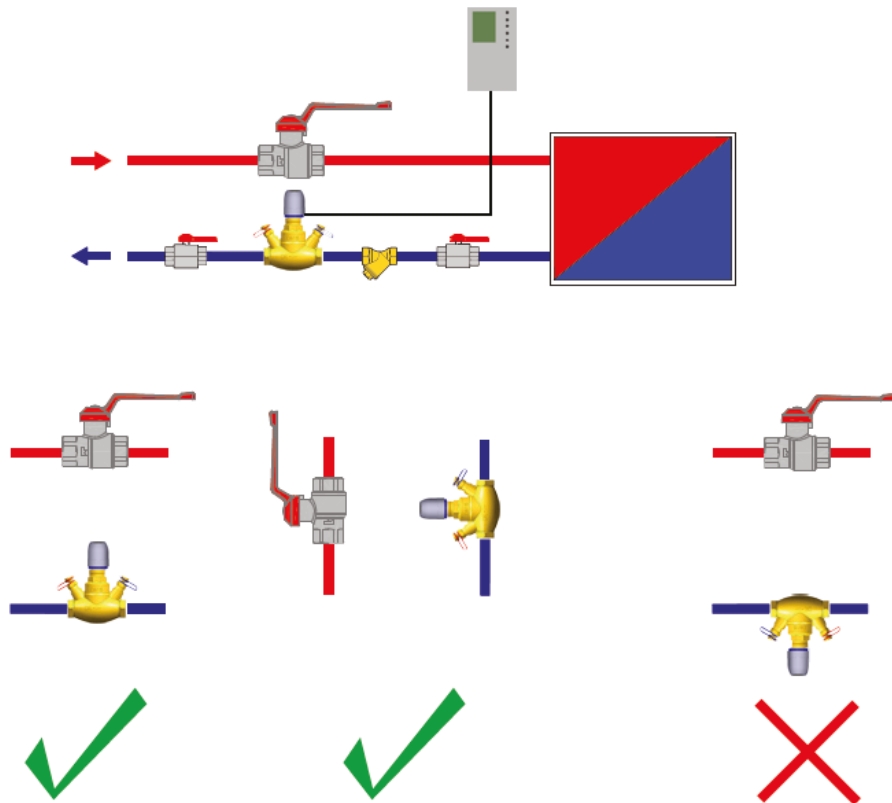
7217 TS-98-V	DN 15	Thermostatic Regulating Valve STRÖMAX TS-98-V Straight model with test points, G (male thread)
7217 TS-99-FV	DN 15	Thermostatic Regulating Valve STRÖMAX TS-99-FV Straight model with test points, G (male thread)
7217 V	DN15-DN20	Thermostatic Regulating Valve HERZ-7217-V with integral fixed orifice and test points, DN15 (female thread)

 Accessories and spare parts

1 4006 02	HERZ pre-setting key
1 8900 04	Measuring computer
1 8904 02	Measuring computer
1 0284 01	Test point, blue cap
1 0284 02	Test point, red cap
1 0284 00	Test point adapter set
1 7708 ..	HERZ actuating drive for two-point or pulse control
1 7990 ..	HERZ actuating drive for continuous control

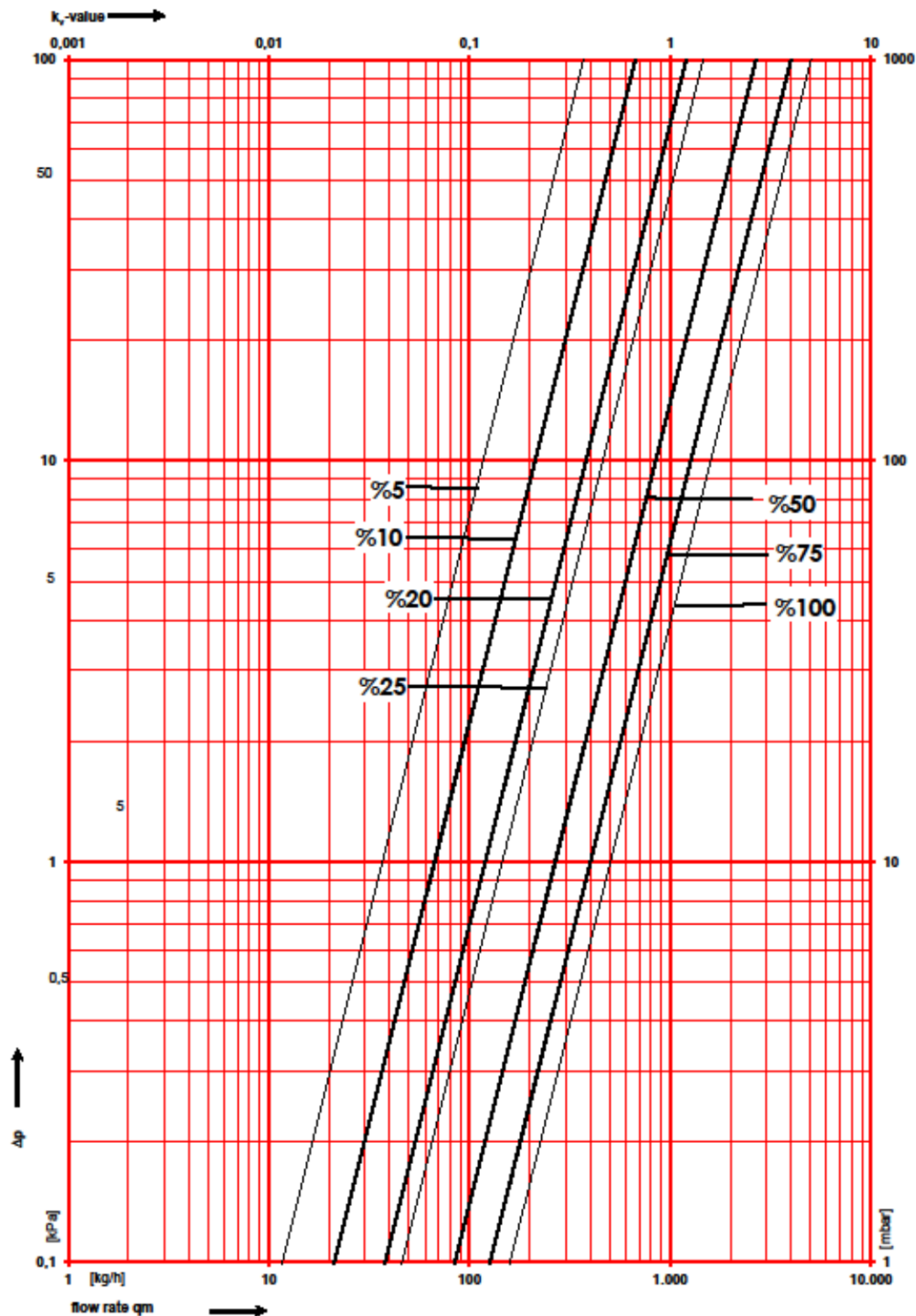
Installation

The valve is fitted in the supply or return flow in the showed orientations. The arrow on the valve body should align with the direction of flow. It is recommended that an isolation valve is fitted both upstream and downstream of the control valve.



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HERZ standard diagram	7217 GV
Order Nr.: 1 7217 71	Dim. DN 15

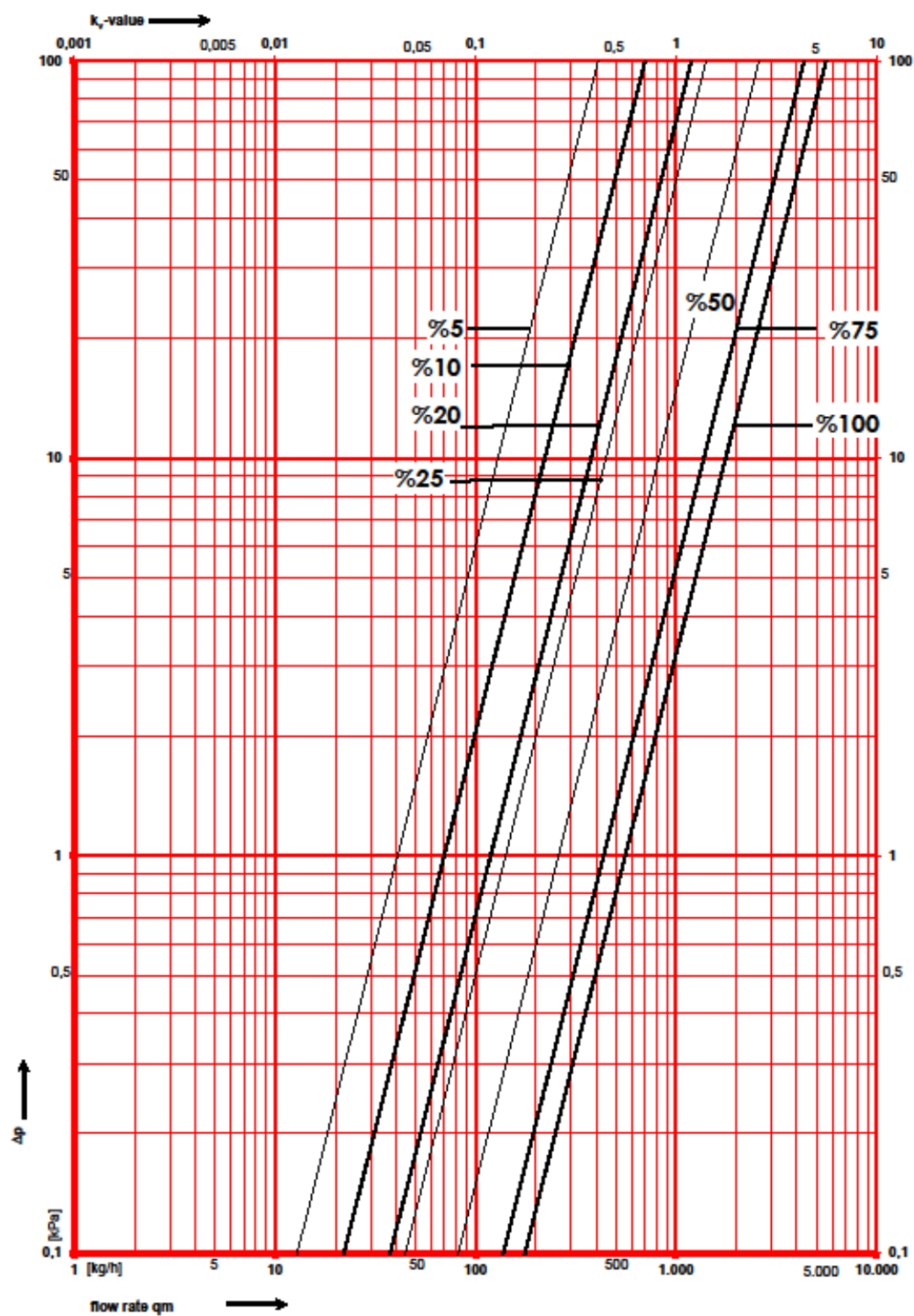


HERZ standard diagram

7217 GV

Order Nr.: 1 **7217 72**

Dim. DN 20



HERZ standard diagram

7217 GV

Order Nr.: 1 **7217** 73

Dim. DN 25

