



Selection RB2.. Fan coil valves, 2-way; RB3.. Fan coil valves, 3-way

Kvs m ³ /h	DN		Type		Actuator
	mm	Imp.	2-way	3-way	
1.5	15	1/2"	RB215	RB315	FRU230-3
4.0	20	3/4"	RB220	RB320	
8.0	25	1"	RB225	RB325	

Technical data

Actuator	FRU230-3
Rated voltage	AC 230 V (50 Hz)
Power consumption	1.0 W
Running time	105 s
Torque	min. 2 Nm (with normal voltage)
Manual override	Pushing knob
Valve assembly	Belimo one screw solution
Position indicator	Plastic knob marking
Ambient temperature range	+5 ... +50 °C
Temperature of medium	0 ... +100 °C
Non-operating temperature	-40 ... +80 °C
Humidity test	95% not condensing according to EN 60730-1
EMC	CE according to 89/336/EEC
LV Directive	CE according to 73/23/EEC
Degree of protection	IP 40

Valves	RB215...RB225; RB315...RB325
Media	Cold and hot water
Rated pressure	2000 kPa
Pipe connection	Female ISO7/1
Close off pressure	600 kPa
Media temp. range	+5°C ~ +100°C
Angle of rotation	90°
Materials	
Body	Forged brass
Ball	Stainless steel
Spindle	Chromed Brass
Valve seat	PTFE
O-ring	EPDM
Weight	0.4 kg

Fan coil valve and actuator solution



2-way Fan coil valves DN 15...25



3-way Fan coil valves DN 15...25

Rotary actuator for 2-way and 3-way fan coil valves
DN 15...25

Open/Close control (AC 230 V)

Application

Room temperature fancoil control in heating or cooling system

Product features

Simple direct mounting on the RB... fan coil valve by means of a single screw. The actuator can be mounted on the ball valve in any of four 90° positions.

Manual operation by knob (press and turn for temporary disengagement).

Wiring

Refer to CF230... thermostat datasheets.

Safety notes



AC 230 V



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- The actuator must be protected against moistness. It is not suitable for use in outdoor applications.
- Check that the strain relief of the cable in the actuator housing functions correctly.
- The installer has to check the right functioning after mounting.

Advantages

- High close-off pressure: 600 kPa
- Easy to install
- Low sound power level
- Leakage rate: tight sealing
- Long life cycles
- No water hammer
- Matching with Belimo new CF230... thermostat

Installation dimension, FRU230-3 + RB..

