



**Selection** RB2.. Fan Coil Valves, 2-way; RB3.. Fan Coil Valves, 3-way

Kvs		DN		Туре		Actuator
	m³/h	mm	Imp.	2-way	3-way	
	1.5	15	1/2"	RB215	RB315	
	4.0	20	3/4"	RB220	RB320	FRU24
	8.0	25	1"	RB225	RB325	

Technical data					
Actuator	FRU24				
Rated voltage	AC/DC 24V				
Power consumption	0.5W				
Running time	100s				
Torque	Min. 2Nm (with normal voltage)				
Manual override	Pushing knob				
Valve assembly	Belimo one screw solution				
Position indicator	Plastic knob marking				
Ambient temperature range Temperature of medium Non-operating temperature Humidity test	+5+50°C +5+100°C -5+80°C 95% RH, non condensing according to EN 60730-1				
EMC	CE according to 89/336/EEC				
LV Directive	CE according to 73/23/EEC				
Degree of protection	IP40				
Weight	0.4kg				
Valves	RB215, RB220, RB225; RB315, RB320, RB325				
Media	Cold and warm water				
Rated pressure	2000kPa				
Pipe connection	Internal thread ISO7/1				
Close off pressure	600kPa				
Temp. range of medium	+5°C+100°C				
Angle of rotation	90°				
Materials Body Ball Spindle Valve seat O-ring	Forged brass Stainless steel Chromed Brass PTEF EPDM				

Subject to technical changes

Fan Coil Valve and actuator solution



2-way Fan Coil Valves DN15...25



3-way Fan Coil Valves DN15...25

# Rotary Actuator for 2-way and 3-way Fan Coil Valves

# Open/Close & floating control (AC/DC 24V)

#### Application

Room temperature fan coil control in heating or cooling system

### **Product features**

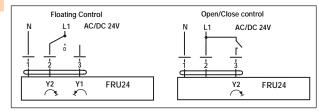
# Simple direct mounting

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). **Keep power off while manual operation.** 

#### Wiring



Refer to CF230... thermostat datasheets in application.

### **Advantages**

• High close-off pressure: 600kPa

· Easy to install

· Low sound power level

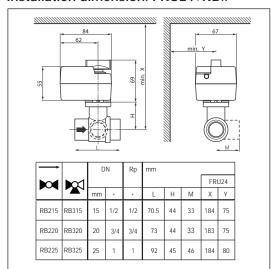
• Leakage rate: tight sealing

• Long life cycles

· No water hammer

• Matching with Belimo new CF230... thermostat

# Installation dimension: FRU24+RB..







**Selection** RB2.. Fan Coil Valves, 2-way; RB3.. Fan Coil Valves, 3-way

Kvs	DN		Туре		Actuator
m³/h	mm	Imp.	2-way	3-way	
1.5	15	1/2"	RB215	RB315	
4.0	20	3/4"	RB220	RB320	FRU230-3
8.0	25	1"	RB225	RB325	

Technical data					
Actuator	FRU230-3				
Rated voltage	AC 230V (50 Hz)				
Power consumption	1.0W				
Running time	105s				
Torque	Min. 2Nm (with normal voltage)				
Manual override	Pushing knob				
Valve assembly	Belimo one screw solution				
Position indicator	Plastic knob marking				
Ambient temperature range Temperature of medium Non-operating temperature Humidity test	+5+50°C +5+100°C -40+80°C 95% RH, non condensing according to EN 60730-1				
EMC	CE according to 89/336/EEC				
LV Directive	CE according to 73/23/EEC				
Degree of protection	IP40				
Weight	0.4kg				
Valves	RB215, RB220, RB225; RB315, RB320, RB325				
Media	Cold and warm water				
Rated pressure	2000kPa				
Pipe connection	Internal thread ISO7/1				
Close off pressure	600kPa				
Temp. range of medium	+5°C+100°C				
Angle of rotation	90°				
Materials Body Ball Spindle Valve seat O-ring	Forged brass Stainless steel Chromed Brass PTEF EPDM				

Fan Coil Valve and actuator solution



2-way Fan Coil Valves DN15...25



3-way Fan Coil Valves DN15...25

# Rotary Actuator for 2-way and 3-way Fan Coil Valves

# Open/Close & floating control (AC 230V)

# **Application**

Room temperature fan coil control in heating or cooling system

### **Product features**

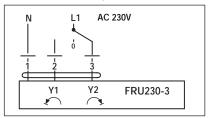
# Simple direct mounting

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). **Keep power off while manual operation**.

### Wiring



Refer to CF230... thermostat datasheets in application.

### **Advantages**

• High close-off pressure: 600kPa

• 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..

