



RPMC-V 700x400 1000/7200 B02 > 2 - 10V

BELIMO - compact (sensor, regulator and actuator in one body), Without spring return, Dynamic sensor, communication MODBUS / BACnet / MPBus, Signal 2 - 10V

Size:	700x400 / 300
Flow rate V:	1800 m ³ /h
Media speed w:	1.8 m/s
Pressure loss Δp_{cv} :	< 5 Pa
Sound power level LWA:	50 Pa: 42 dB(A) 100 Pa: 46 dB(A) 250 Pa: 54 dB(A) 500 Pa: 60 dB(A)
Weight:	15.5 kg
Effective damper's area S _{ef} :	---

Octave band sound power level LWA (inside the duct)

f [Hz]	63	125	250	500	1000	2000	4000	8000	LWA
L _{woct} [dB] at $\Delta p_{st} = 1 \text{ Pa}$	---	---	---	---	---	---	---	---	---
L _{woct} [dB] at $\Delta p_{st} = 50 \text{ Pa}$	46	46	42	42	41	43	43	40	50
L _{woct} [dB] at $\Delta p_{st} = 100 \text{ Pa}$	52	51	47	47	47	48	48	45	55
L _{woct} [dB] at $\Delta p_{st} = 250 \text{ Pa}$	62	60	57	57	56	58	58	55	65
L _{woct} [dB] at $\Delta p_{st} = 500 \text{ Pa}$	69	68	64	64	64	65	65	62	72

Description

The air volume controllers are meant for systems with a variable air volume that is used for input or output air. The required amount of air that is taken into the individual rooms or working areas is variable with respect to time and can be changed according to momentary need when the controllers are installed. Total power of air-conditioning system can be lower. This variable systems enable a more economical operation air-conditioning systems and while ensuring individual well-being on the premises setting. The controller consists of the body of the controller with a control blades and pressure probes for determining the through-flow of air. An compact controller is affixed to the body for controlling the control blades.

Characteristics

- For regulation of variable or constant airflow volume in HVAC systems
- Dimensions from 200 x 100 mm to 1000 x 1000 mm
- Airflow volume from 70 to 26 000 m³/h
- For Air velocities from 1 m/s
- Made of galvanized steel
- Each regulator is equipped with an airflow pressure probe and electrical actuating (e.g. Belimo LMV-D3 MP, NMV-D3-MP or SMV-D3-MP, power supply 24 V, control power 0 -10 V, or 2 - 10 V)