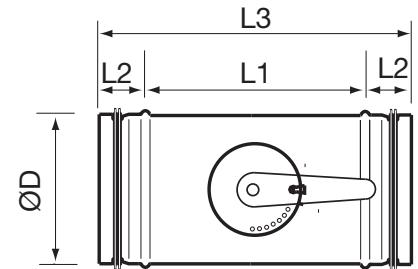


- Volume control dampers
- With rubbersealing



## Airtight control valves type AKH

Circular airtight control valve according to DIN EN 1751-4 with manual quadrant and silicone sealing.

Channeling system with EPDM sealing, airtightness until class D to EN12237. Enclosure airtight to EN 1751 class C. The airtightness class is also determined by the mounting on the construction site.

### Material

- Galvanized steel

### Accessories

- Control valves type **AKH** can be motorized with an actuator type **LM, NM, LF, NF, NFA** or **SF**
- For size Ø80 - Ø355 an actuator of 5Nm is recommended
- For size Ø400 - Ø630 an actuator of 10Nm is recommended
- To mount the actuator a mounting plate type **MP-..** is always needed in correspondence with the selected actuator
- For **AKH** Ø80 - Ø400 an axle extension type **AEX-12/M6 100 mm** is necessary to mount the actuator.
- From **AKH** Ø450 the valve is already equipped with an axle extension.

### Text for tender

- A circular air-tight control valve with manual quadrant is used for a good regulation of the air flow. The valve can be motorized with actuator type **Belimo LM** or **NM**. The manual handle will be replaced by mounting plate Type **MP-LM** or **MP-NM**. An Axle extension **AEX-12/M6 100mm** is recommended.
- Type CAIROX **AKH**

### Order example

- AKH, 250**

Explanation :

**AKH** = Type of valve

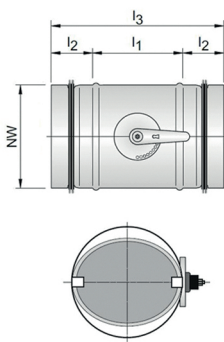
**250** = Diameter of valve

### Other available products

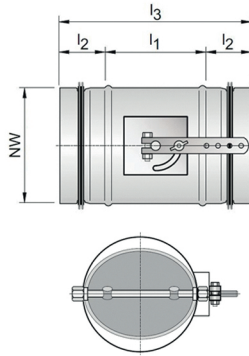
- Version ATEX available upon request

Motorisation accessories			
	AKH Ø80 -> Ø355	AKH Ø400	AKH Ø450 -> Ø630
LM	MP-LM + AEX-12/M6 100mm	-	-
NM	-	MP-NM + AEX-12/M6 100mm	MP-NM
LF	MP-LF + AEX-12/M6 100mm	-	-
NF/SF	-	MP-NF/SF + AEX-12/M6 100mm	MP-NF/SF

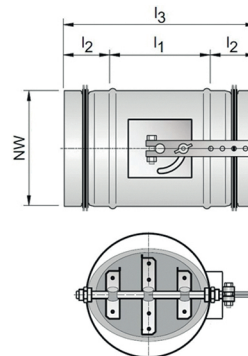
Ø 80 - 400



Ø 450 - 560



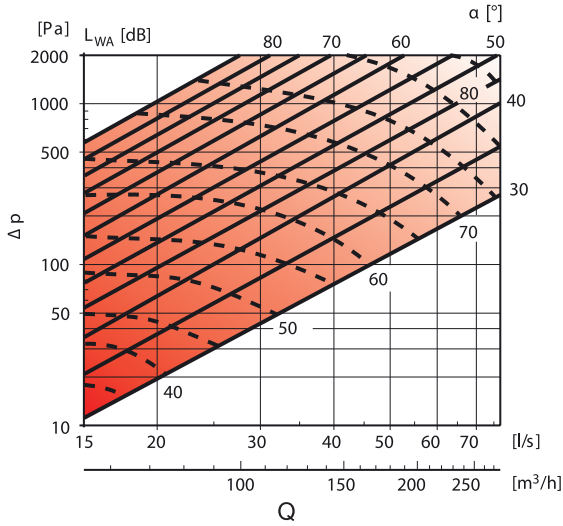
Ø 600 - 630



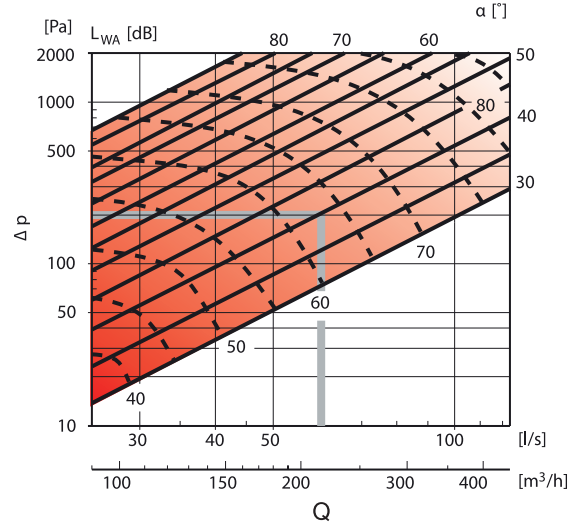
	Dimensions			
	Dia [mm]	L1 [mm]	L2 [mm]	L3 [mm]
AKH 80	80	120	40	200
AKH 100	100	120	40	200
AKH 125	125	120	40	200
AKH 150	150	120	40	200
AKH 160	160	120	40	200
AKH 180	180	120	40	200
AKH 200	200	140	40	220
AKH 250	250	140	40	220
AKH 280	280	130	60	250
AKH 300	300	130	60	250
AKH 315	315	130	60	250
AKH 355	355	130	60	250
AKH 400	400	130	60	250
AKH 450	450	130	60	250
AKH 500	500	270	60	390
AKH 560	560	270	60	390
AKH 630	630	470	60	590

**Pressure losses and sound levels**

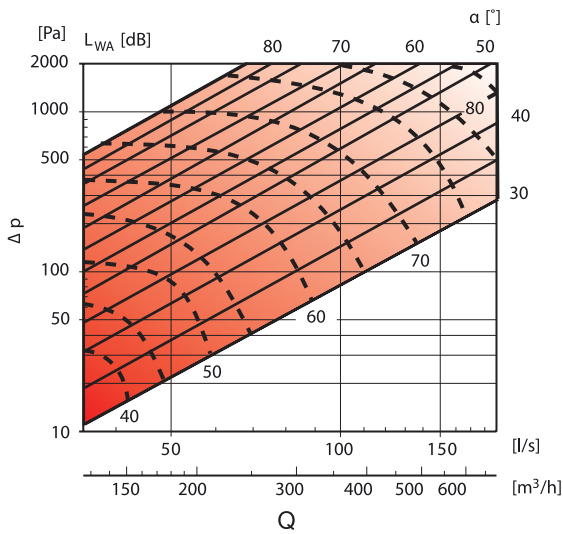
**AKH Ø80**



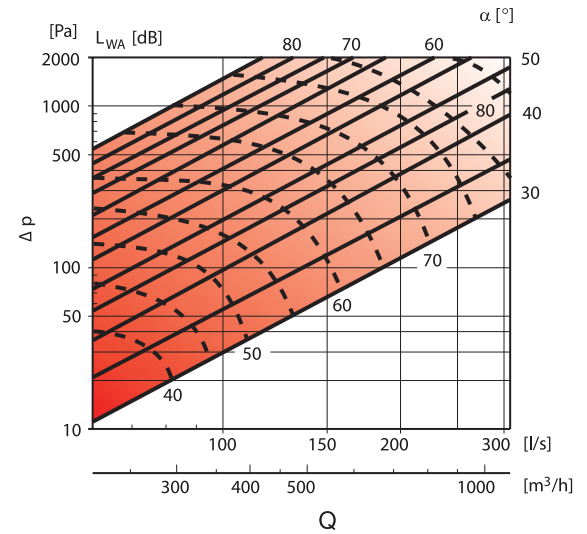
**AKH Ø100**



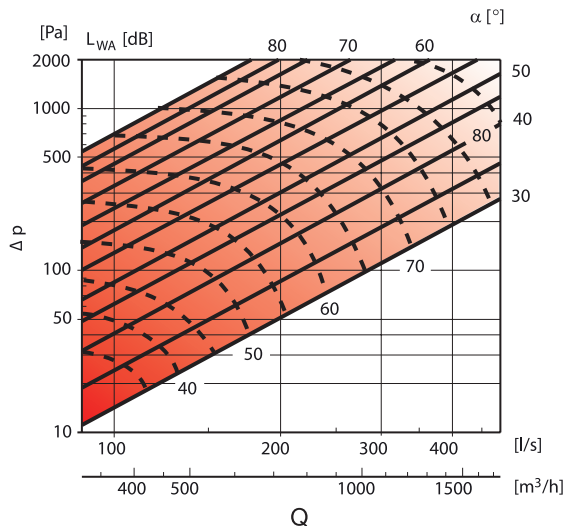
**AKH Ø125**



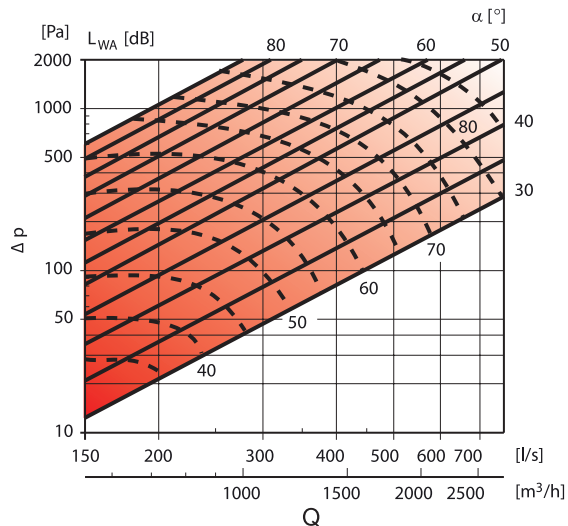
**AKH Ø160**



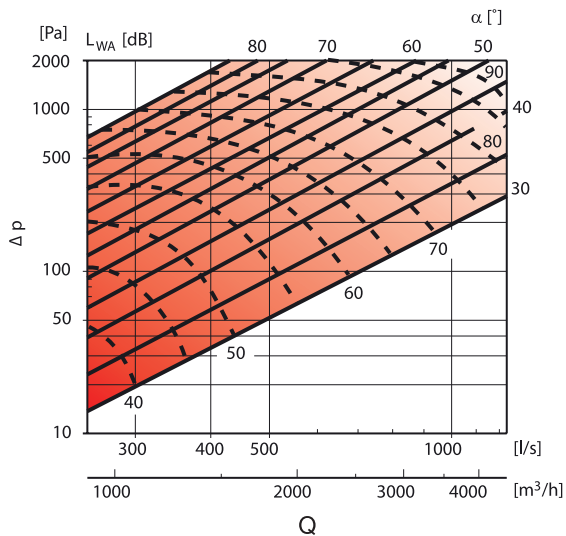
**AKH Ø200**



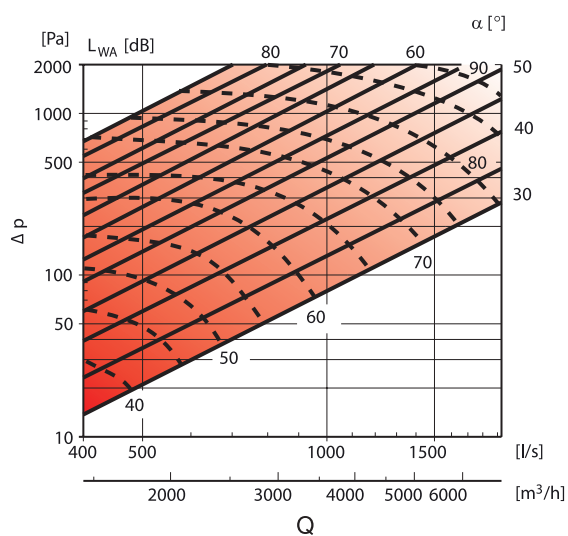
**AKH Ø250**

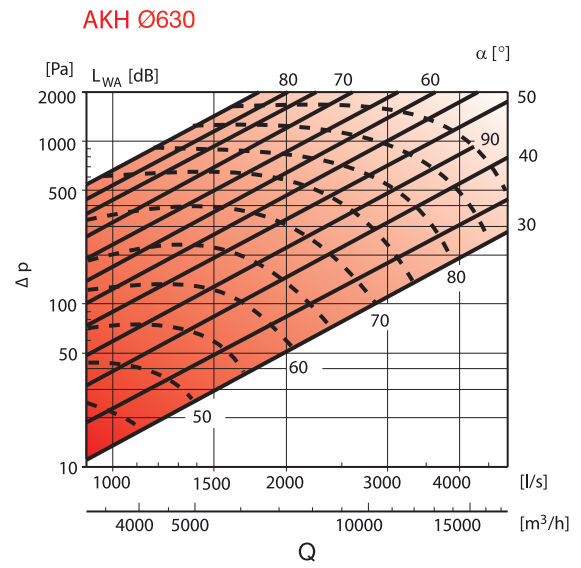
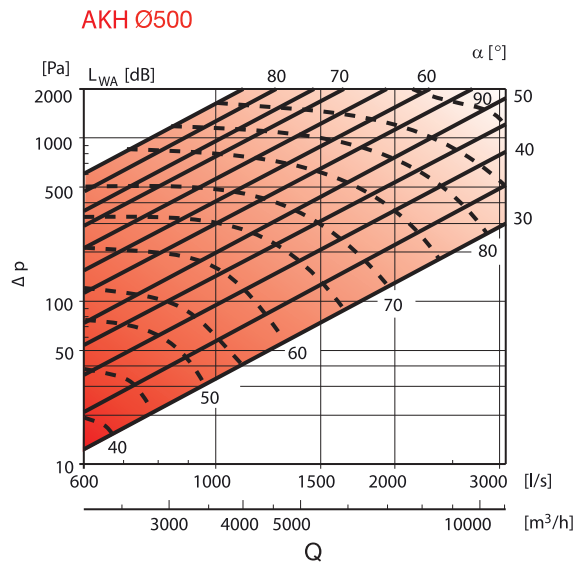


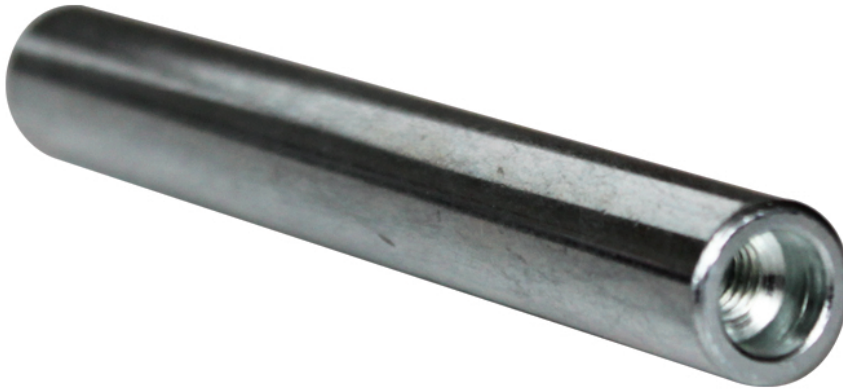
**AKH Ø315**



**AKH Ø400**







## Axle extensions type AEX-12/M6

Axes extension for Belimo servomotor-mounting on a circular control valve.  
Provided with internal thread M6. Thread to be secured with metal glue.  
Always to be used in combination with mounting plate, type **MP**.

### Order example

■ **AEX-12, 100**

Explanation :

**AEX-12** = Type of axle extension

**100** = Length of axle extension



## Mounting plates for servomotor type MP

Mounting plates for mounting a Belimo actuators on a circular control valve

- **MP-LM** for mounting actuators of type LM...A
- **MP-NM** for mounting actuators of type NM...A
- **MP-LF** for mounting actuators of type LF
- **MP-NF/SF** for mounting actuators of type NF...A, NFA, SF...A or SFA

### Order example

- **MP, LM**

Explanation :

**MP** = Type of mounting plate

**LM** = Type of Belimo-motor used

