

duct motorised dampers



**Description**

Motorised volume dampers (24 Vdc) suitable to control the air volume in ducts in Zoning System R/C.

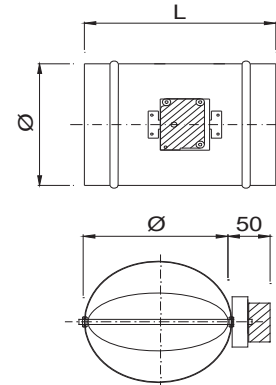
**ZC** Motorised circular damper. Constructed from galvanised steel and air tightness joint and bearings from rubber. Circular duct mounting.

**ZR** Motorised circular damper. Constructed from galvanised steel and air tightness joint and bearings from rubber. Incorporated in a plenum box for grilles.

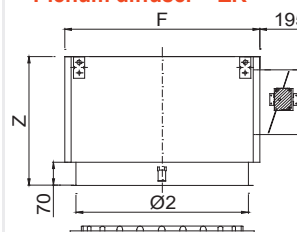
**ZQ** Motorised square damper with blades of 100 mm, parallels to the largest side (L size). Constructed from aluminium and gears from polyamide. Rectangular duct mounting.

**ZC**

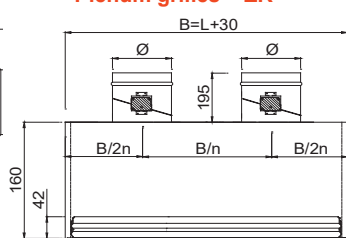
|     | Ø   | L   |
|-----|-----|-----|
| 100 | 98  | 295 |
| 125 | 123 | 295 |
| 150 | 148 | 295 |
| 160 | 158 | 295 |
| 200 | 198 | 295 |
| 250 | 248 | 335 |
| 315 | 313 | 335 |



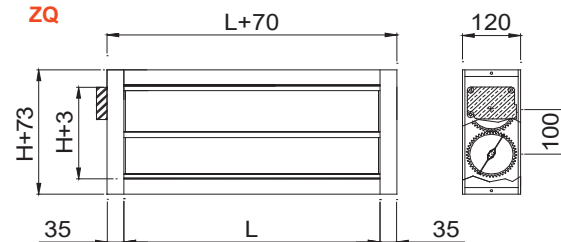
**Plenum diffuser + ZR**



**Plenum grilles + ZR**



**ZQ**



| Ø<br>mm | ZC / ZR | Vk = 4 m/s<br>m3/h | Vk = 6 m/s<br>m3/h | Ak<br>m2 |
|---------|---------|--------------------|--------------------|----------|
| 100     |         | 100                | 170                | 0,0078   |
| 125     |         | 170                | 270                | 0,0123   |
| 150     |         | 254                | 380                | 0,0176   |
| 160     |         | 280                | 440                | 0,0201   |
| 200     |         | 450                | 680                | 0,0314   |
| 250     |         | 700                | 1100               | 0,0491   |
| 315     |         | 1100               | 1680               | 0,0779   |

| L x H<br>mm | ZQ | Vk = 4 m/s<br>m3/h | Vk = 6 m/s<br>m3/h |
|-------------|----|--------------------|--------------------|
| 200x100     |    | 250                | 440                |
| 300x100     |    | 430                | 650                |
| 400x100     |    | 570                | 870                |
| 500x100     |    | 720                | 1100               |
| 600x100     |    | 850                | 1300               |
| 700x100     |    | 1000               | 1500               |
| 800x100     |    | 1150               | 1750               |
| 200x150     |    | 430                | 640                |
| 300x150     |    | 640                | 970                |
| 400x150     |    | 860                | 1295               |
| 500x150     |    | 1080               | 1600               |
| 600x150     |    | 1295               | 1940               |
| 700x150     |    | 1510               | 2265               |
| 800x150     |    | 1725               | 2590               |
| 200x200     |    | 570                | 870                |
| 300x200     |    | 860                | 1300               |
| 400x200     |    | 1150               | 1750               |
| 500x200     |    | 1440               | 2200               |
| 600x200     |    | 1700               | 2600               |
| 700x200     |    | 2000               | 3100               |
| 800x200     |    | 2300               | 3500               |