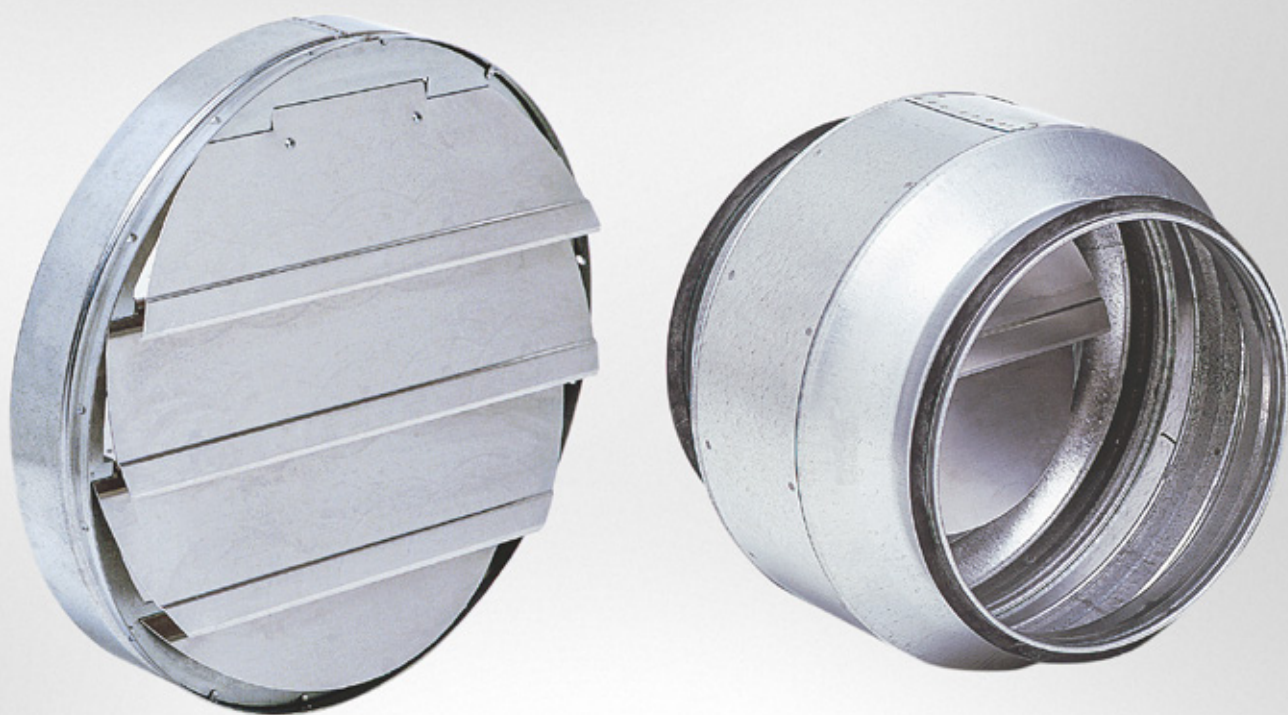


BRJO

Non-return damper



LOUVRES



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www.bevent-rasch.com



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AIR SOLUTIONS – FOR A BETTER TOMORROW



Non-return damper BRJO

BRJO-1



BRJO-3



Quick facts

- Size from Ø100 mm to Ø800 mm
- Spigot-, flange, or duct connection
- Frame of galvanised sheet steel, or stainless steel, blades in aluminium
- Available in Cadvent database
- Available in MagiCAD

Use

BRJO is intended for installation in the wall or in circular horizontal ducts. It is available in three versions:
BRJO-1 with spigot connection
BRJO-2 with flange connection
BRJO-3 with duct connection
The damper blades are self-closing when there is no air flow.

Material, surface treatment

The non-return damper is as standard manufactured in a round frame of galvanised sheet steel fitted with aluminium louvre dampers with rubber sealing strips. The flanges are manufactured of galvanised flat iron. The frame and flange are also available in Aluzinc AZ185 or in stainless steel AISI 316L (EN 1.4404).

Specification

Examples:

Non-return damper **BRJO - 1 - 400 - 1**

Version:

Spigot = 1
Flange = 2
Duct connection = 3

Size:

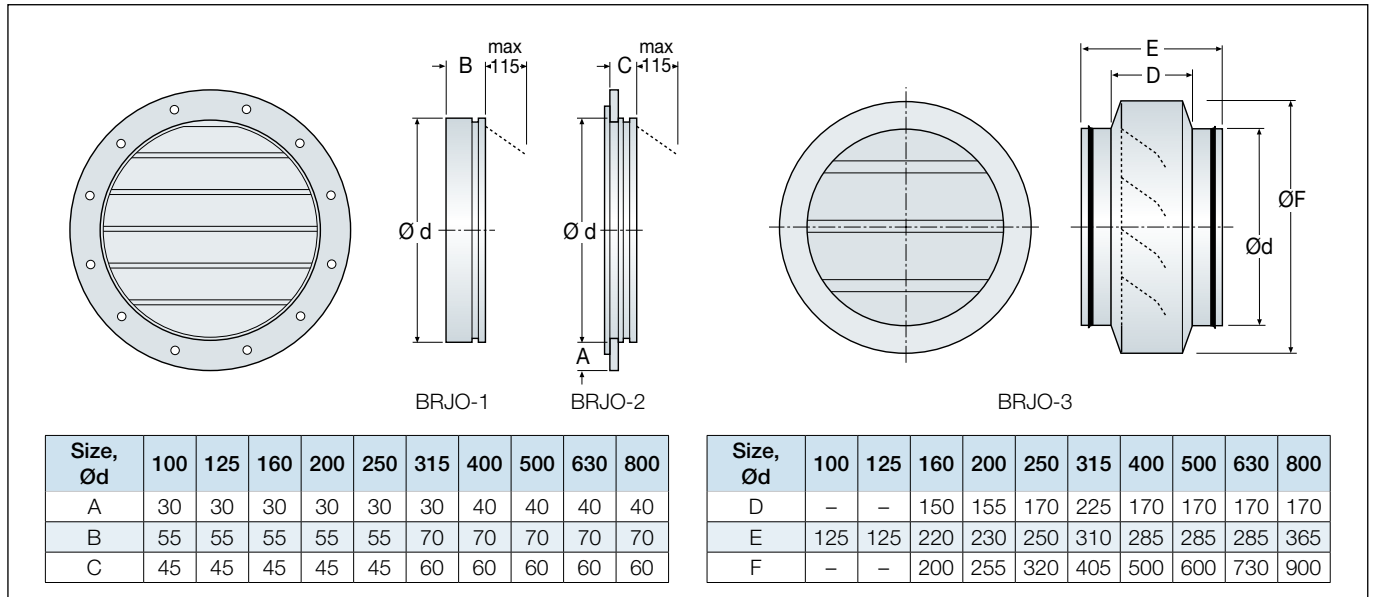
Diameter, mm
see size table

Material (frame and flange):

Galvanized sheet steel = 1
Stainless AISI 316L – EN 1.4404 = 3
Aluzinc AZ185 = 4

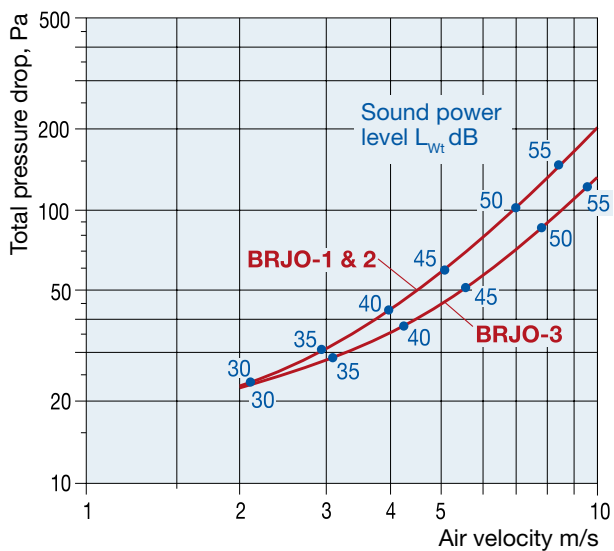


Dimensions



Selection chart

The air velocity is calculated on the duct area.



Sound data

Correction for sound power level, L_{Wt} , for different sizes

$$L_{Wt} = L_{Wt} + K_1$$

B. grille-area, m ²	0,12	0,25	0,5	1,0	2,0	3,0	4,0
K_1	-3	0	3	6	9	10,5	12

Correction for sound power level, L_{Wok} , in octave band

$$L_{Wok} = L_{Wt} + K_{ok}$$

Mid frequency Hz	125	250	500	1000	2000	4000	8000
K_{ok}	2	-3	-3	-5	-7	-13	-26

Reduction of sound level depending on distance from BRJO and duct area.

