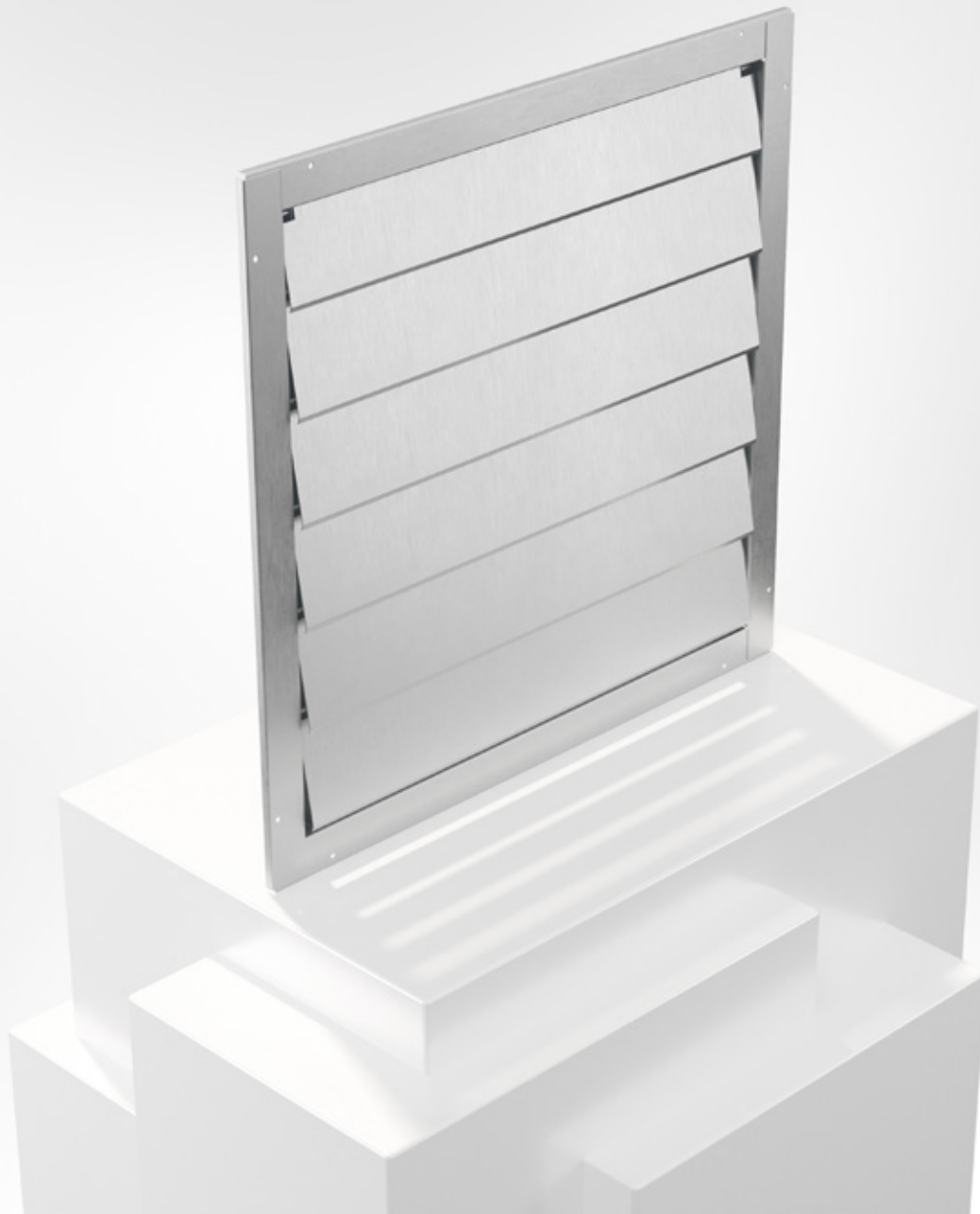


# BRJV

Non-return damper



LOUVRES



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# Non-return damper BRJV



BRJV with flange connection



BRJV with spigot connection

## Quick facts

- Size from 150-150 mm to 1500-1500 mm
- Spigot-, flange, or duct connection
- Frame of galvanised sheet steel, or stainless steel, blades in aluminium
- Available in MagiCAD

## Use

BRJV is intended for installation in the wall or in horizontal rectangular ducts. With a spigot connection supplemented with sleeve coupling BRSA, it is also suitable for circular ducts. 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 frame of galvanised sheet steel fitted with aluminium louvre dampers. The frame and damper casing can also be manufactured in stainless steel AISI 316L (EN 1.4404).

## Specification

Examples:

**Non-return damper BRJV - 600 - 600 - 2 - 1**

Size:

Width x Height, mm

Version:

Spigot

= 1

Flange

= 2

Material (frame and flange):

Galvanized sheet steel

= 1

Stainless AISI 316L – EN 1.4404

= 3

Aluzinc AZ185

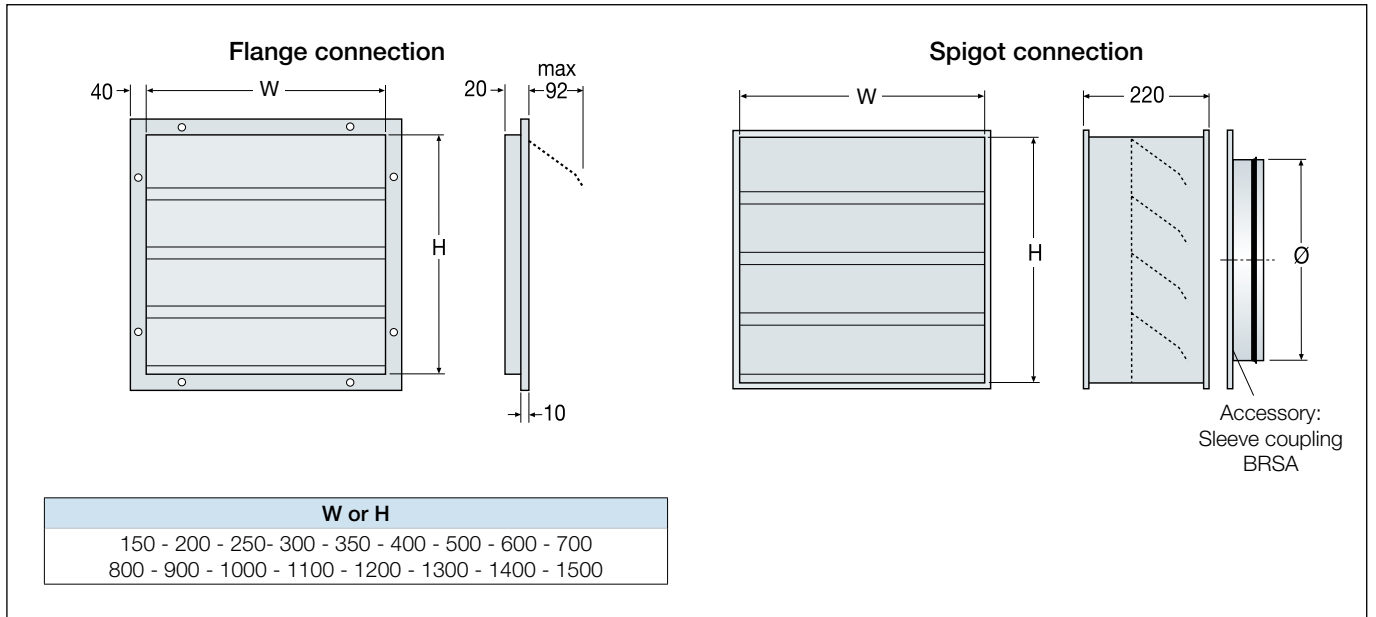
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Accessories:

**Sleeve coupling BRSA**

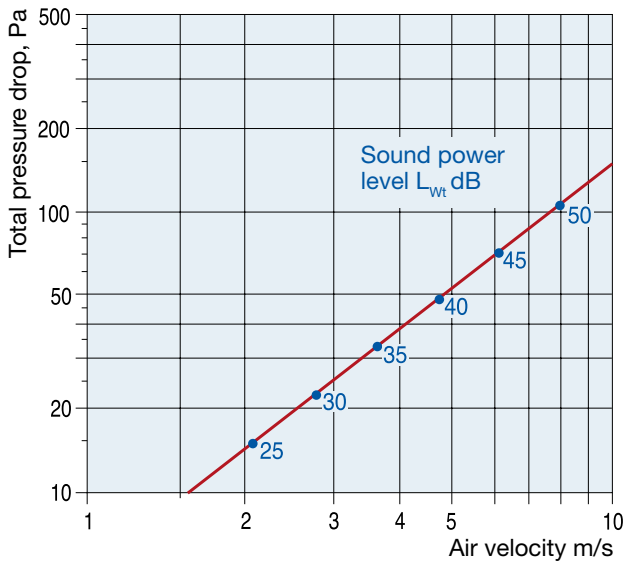


### Dimensions



### Selection chart

The air velocity is calculated on the duct area.  
 The free area of the air stream operated damper is 75% of the duct area.



### Sound data

Correction for sound power level,  $L_w$ , for different sizes

$$L_w = L_{wt} + K_1$$

B. grille-area, m <sup>2</sup>	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

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

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 damper and duct area.

