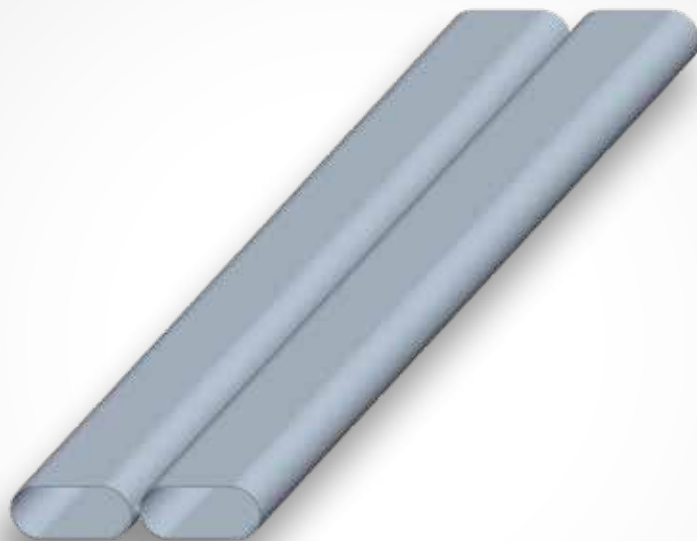


# Zehnder CK 300

Technical specification for connection system



## General

The flat twin duct CK 300 is used for airtight connection of unit and manifold. It offers an easy, clean and quick mounting on the wall or below ceilings.

Numerous accessories are available for flexible mounting options.



Zehnder CK 300



CK 300 twin duct nipple



Lip seal CK 300



CK 300 twin duct cap



CK 300 H twin duct bend



CK 300 V twin duct bend



Junction 2x CK 300, DN 180



Junction CK 300



Flexible element CK 300

## Technical specifications

### Zehnder CK 300

Width of single duct (mm):	158
Height (mm)	70
Width of twin duct (mm)	326
Length (mm)	1500

## Benefits

- Flat twin duct 70 mm in height used as a connector between ventilation unit and manifold or for optimum airflow between two manifolds on separate floors
- Interlocking connections fitted with lip seals ensure an airtight seal between components
- Low pressure loss at an air volume of 300 m<sup>3</sup>/h
- The light weight means it can be mounted easily, cleanly and quickly below the ceiling or on the wall using the appropriate holders
- Smooth-walled and odourless for good hygiene properties

## Article numbers

### Description

### Article number

CK 300 duct / 1.5 m (twin duct)	990 322 020
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### Accessories

### Article number

Lip seal CK 300	990 322 026
CK 300 twin duct cap	990 322 024
CK 300 H twin duct bend	990 322 021
CK 300 V twin duct bend	990 322 022
Junction CK 300 / DN160	990 322 025
Junction CK 300 / DN 125	990 322 029
Junction 2x CK 300 / DN 180	990 322 028
Flexible element CK 300	990 328 821

## Tender specification

### CK 300

Zehnder CK 300 twin duct made of ABS-plastic with a length of 1500 mm for mounting directly on concrete ceilings or on walls. The pluggable system components are sealed by lip seals and offer an airtight connection. The smooth, hygienic twin duct is made for air flows of 300 m<sup>3</sup>/h at low pressure losses.

#### Specification:

Material: ABS plastic

Permissible operating temperature: -25 up 60 °C

### CK 300 twin duct nipple

ABS connector for the direct connection of two CK 300 ducts. The joint is sealed using the lip seals provided.

### CK 300 lip seals

Lip seals for sealing and securing joints. Suitable for use with all CK 300 accessories.

### CK 300 twin duct caps

ABS end caps to close CK 300 ducts and ensure they remain dust-free during construction. Can also be used with straight connectors and bends.

### CK 300 H twin duct bend, horizontal

ABS 90° horizontal bend to connect CK 300 ducts for changes in direction within the same plane. The joint is sealed using the four lip seals provided.

### CK 300 V twin duct bend, vertical

ABS 90° vertical bend to connect CK 300 ducts for changes in direction within the same plane. The joint is sealed using the four lip seals provided.

### CK 300 junction

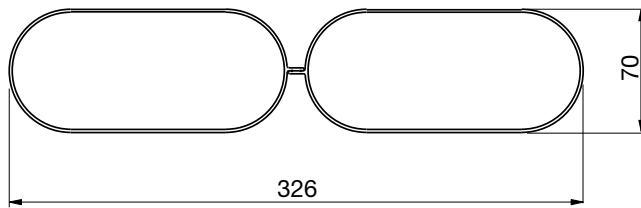
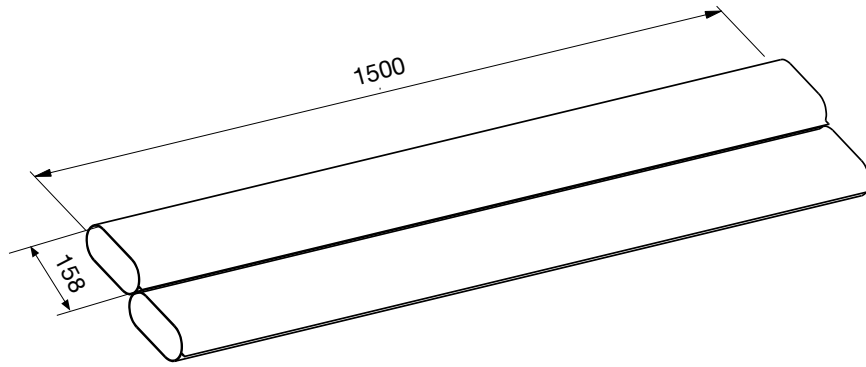
ABS junction to act as a connector between manifold/CK 300 and round connection dimensions. Available for different diameters: DN 125, DN 160 or DN 180.

### Flexible element CK 300

Flexible element for flexible connection of the air duct CK 300. Narrow bends up to 45° can be created with the flexible connection piece. It also allows you to implement height offsets.

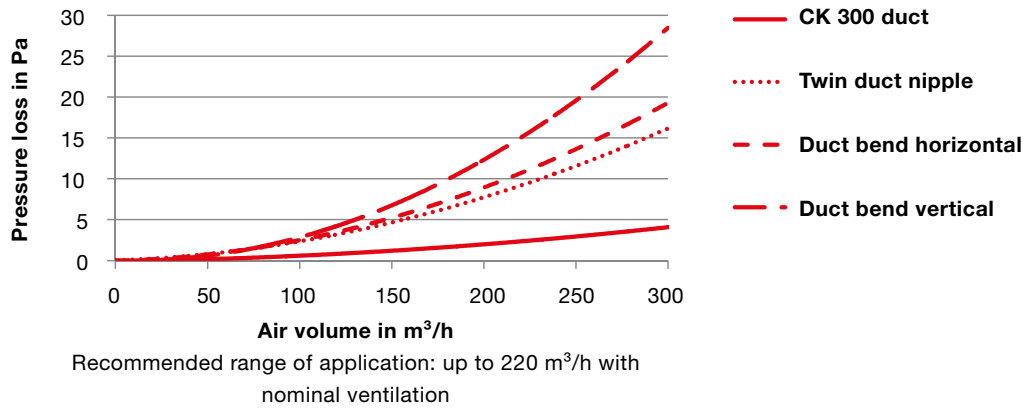
## Dimensional drawing

Zehnder CK 300

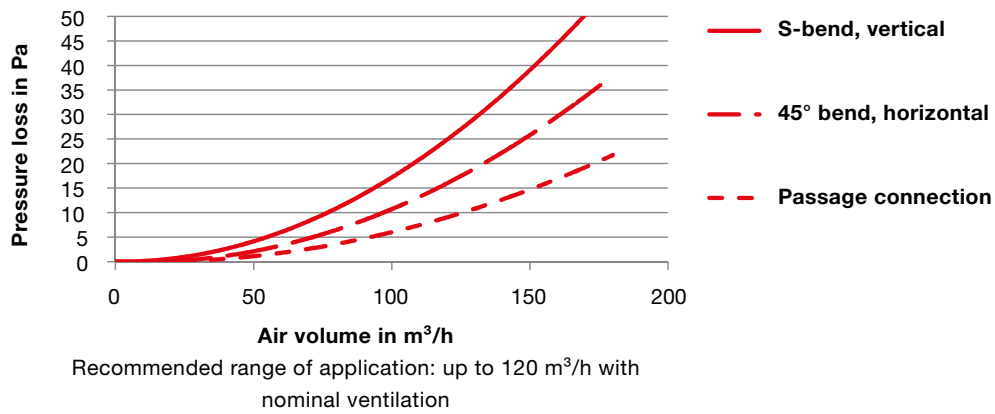


## Pressure loss graph

### Shaped elements

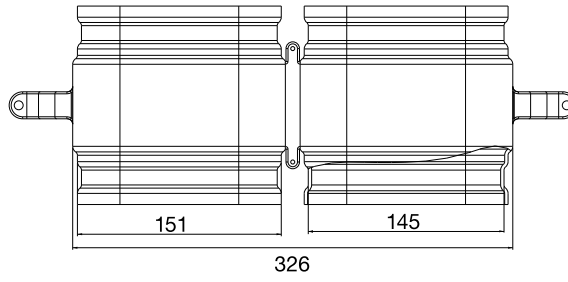
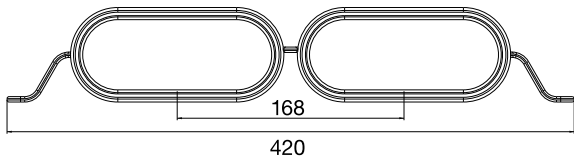


### Flexible element 300

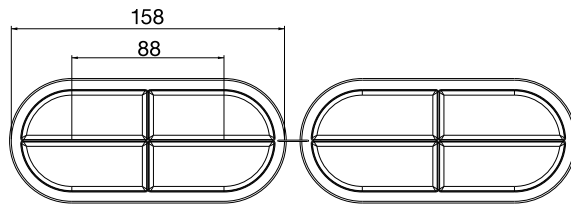
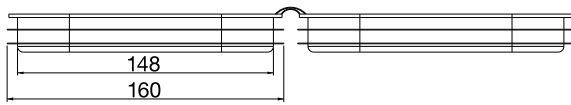


## Dimensional drawings for accessories

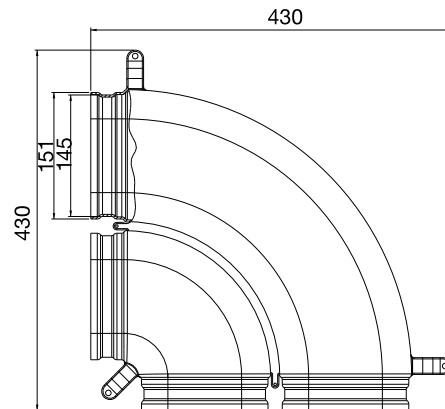
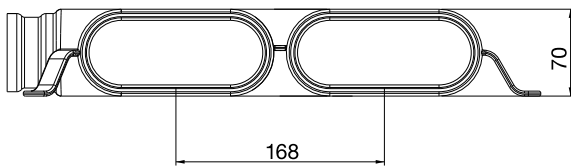
**CK 300 twin duct nipple**



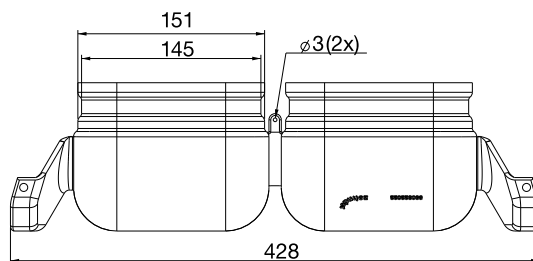
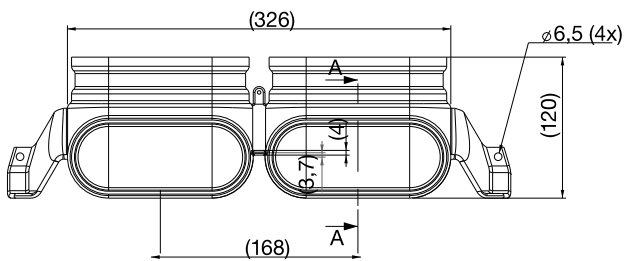
**CK 300 end cap**



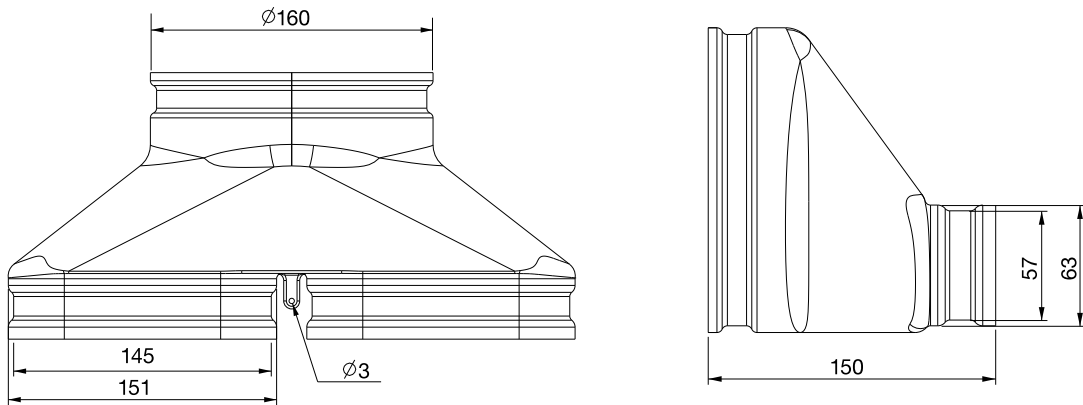
**CK 300 H twin duct bend**



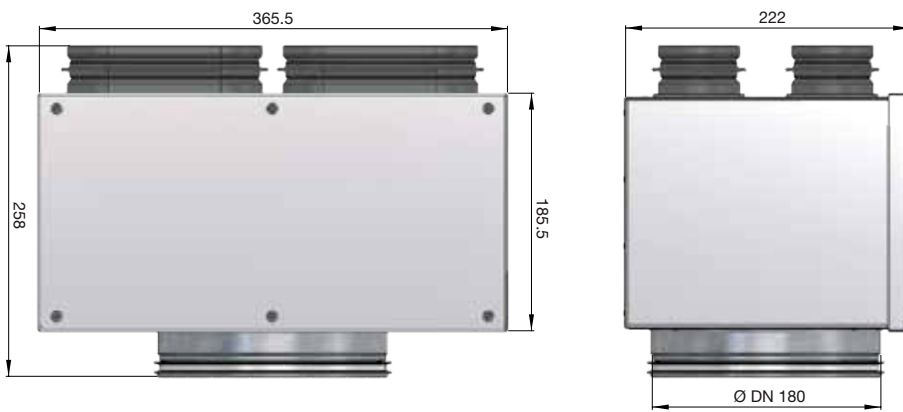
**CK 300 V twin duct bend**



**Junction CK 300**



**Junction 2x CK 300, DN 180**



**Flexible element CK 300**

