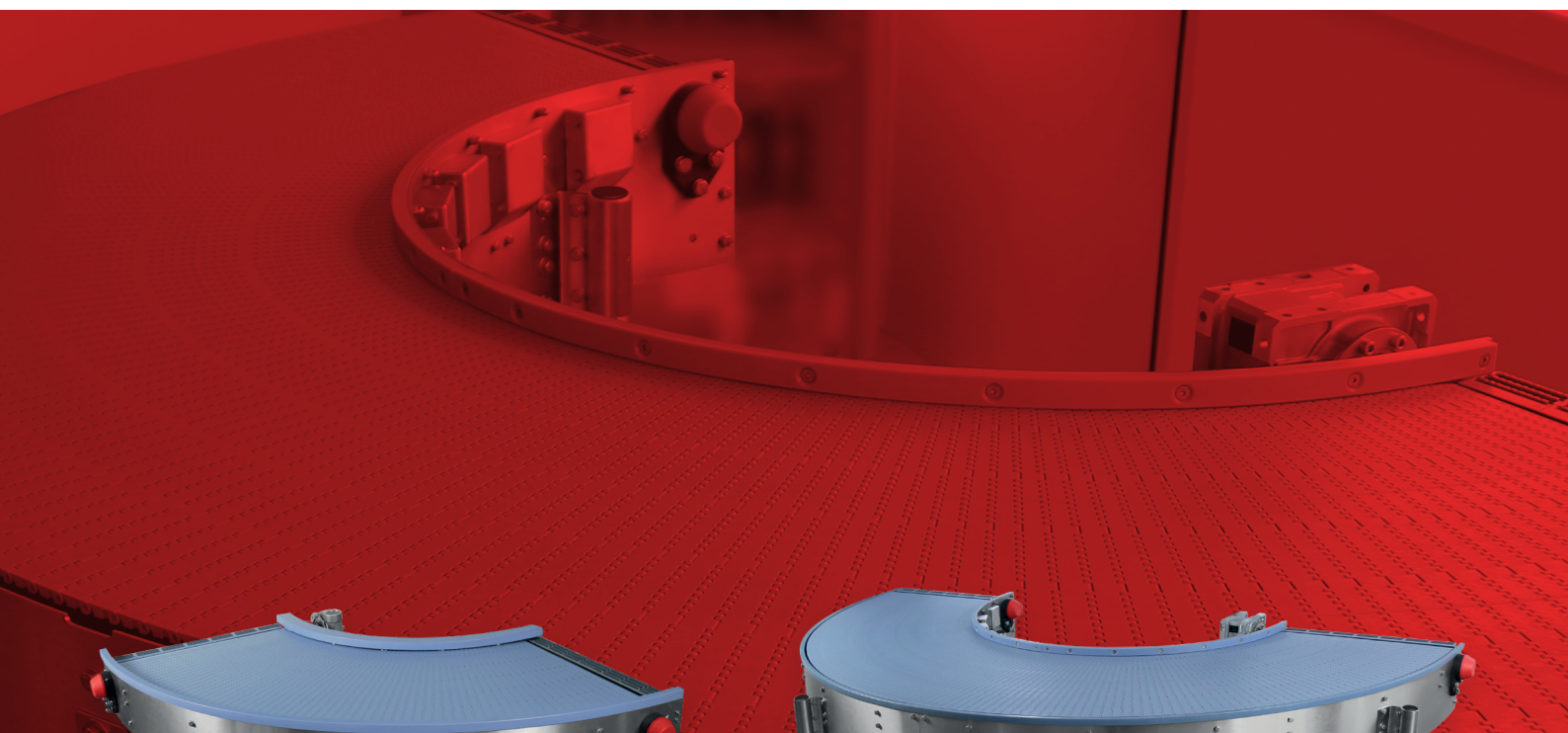


# ZER520 CONTACT

C U R V E



ANGLE 90°



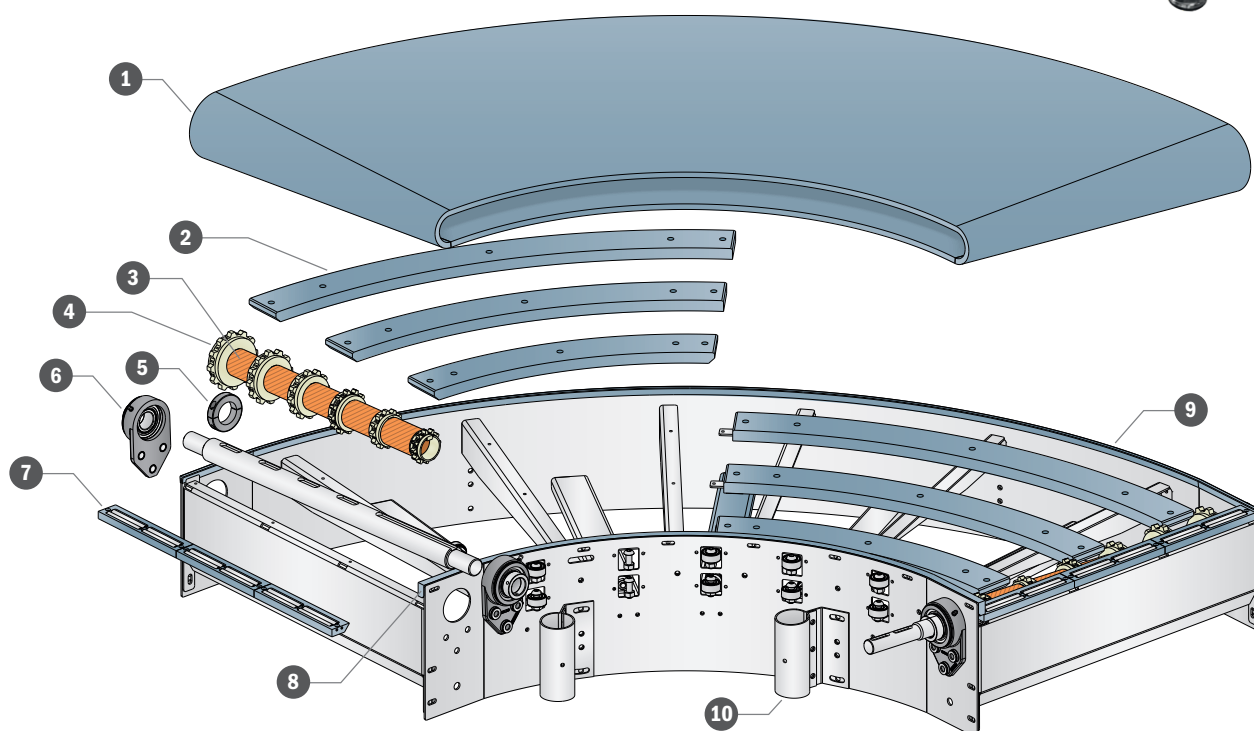
ANGLE 180°

**Movex**<sup>TM</sup>

# ZERO CONTACT

## C U R V E

The new **Zero Contact™ Curve** is available in different widths with a closed-top surface capable of handling a variety of package sizes, types and configurations including delicate products and applications exiting a shrink wrapper.



- 1** Zero Contact™ Belt
- 2** Support guides
- 3** Spacer (optional)
- 4** Sprocket
- 5** Locking collars
- 6** Flange bearings
- 7** Transfer modules
- 8** Inside guide
- 9** Outside guide
- 10** Side mounting top bracket

For more details on  
Zero Contact™ Curve  
consult our product catalog:

[www.movexii.com](http://www.movexii.com)

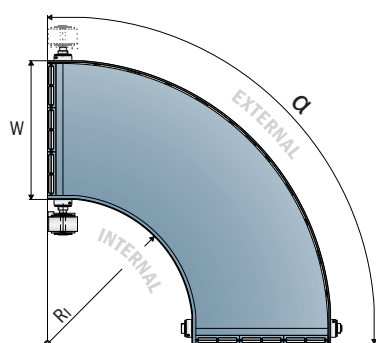
### Technical specification

|                               |                                           |                               |                              |
|-------------------------------|-------------------------------------------|-------------------------------|------------------------------|
| <b>Available belt width:</b>  | 200 mm to 1000 mm (increments of 200 mm)  | <b>Belt material:</b>         | Acetal (POM) - RAL 5014      |
| <b>Available curve angle:</b> | 90° and 180° (Different angle on request) | <b>Pins material:</b>         | PBT White                    |
| <b>Max belt speed:</b>        | 70 m/min.                                 | <b>Frame material:</b>        | Stainless steel - AISI 304   |
| <b>Weight:</b>                | 9,25 Kg/m²                                | <b>Guide material:</b>        | BluLub                       |
| <b>Max working load:</b>      | 2700 N per 200 mm of belt width           | <b>Drive method:</b>          | Solid sprockets PA6 machined |
| <b>Min. inner radius:</b>     | 600 mm to 1400 mm (increments of 200 mm)  | <b>Temperature range Dry:</b> | -40÷80°C                     |
| <b>Gearmotor:</b>             | SEW                                       | <b>Temperature range Wet:</b> | -40÷65°C                     |

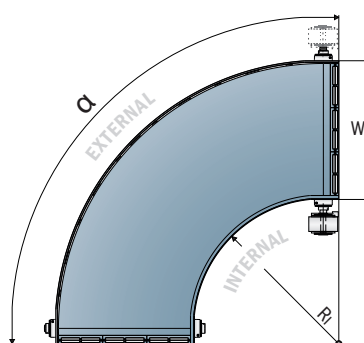
If you have questions about a specific application, contact our engineering department.

# CURVES RANGE - Angle 90°

Left Version **CS**



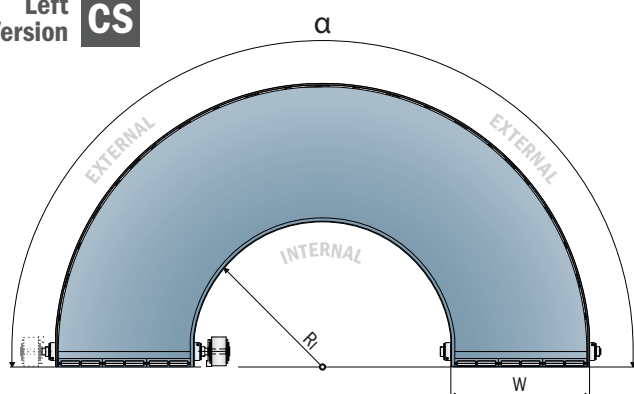
**CD** Right Version



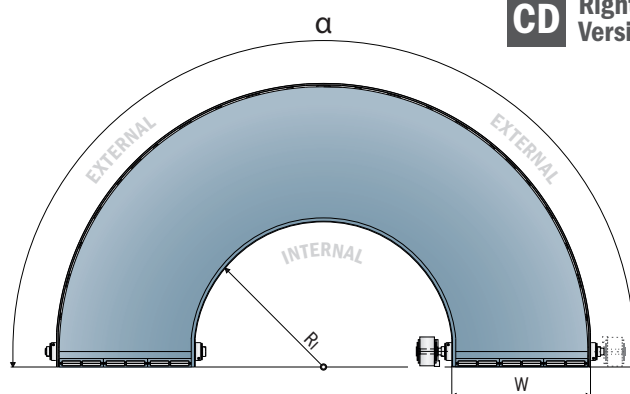
| Width (mm) | Version | Rmin. 600      | Rmin. 800      | Rmin. 1000     | Rmin. 1200     | Rmin. 1400     |
|------------|---------|----------------|----------------|----------------|----------------|----------------|
| 200        | RIGHT   | 5451010201A-CD | 5451010202A-CD | 5451010203A-CD | 5451010204A-CD | 5451010205A-CD |
|            | LEFT    | 5451010201A-CS | 5451010202A-CS | 5451010203A-CS | 5451010204A-CS | 5451010205A-CS |
| 400        | RIGHT   | 5451010401A-CD | 5451010402A-CD | 5451010403A-CD | 5451010404A-CD | -              |
|            | LEFT    | 5451010401A-CS | 5451010402A-CS | 5451010403A-CS | 5451010404A-CS | -              |
| 600        | RIGHT   | 5451010601A-CD | 5451010602A-CD | 5451010603A-CD | -              | -              |
|            | LEFT    | 5451010601A-CS | 5451010602A-CS | 5451010603A-CS | -              | -              |
| 800        | RIGHT   | 5451010801A-CD | 5451010802A-CD | -              | -              | -              |
|            | LEFT    | 5451010801A-CS | 5451010802A-CS | -              | -              | -              |
| 1000       | RIGHT   | 5451011001A-CD | -              | -              | -              | -              |
|            | LEFT    | 5451011001A-CS | -              | -              | -              | -              |

# CURVES RANGE - Angle 180°

Left Version **CS**



**CD** Right Version



| Width (mm) | Version | Rmin. 600      | Rmin. 800      | Rmin. 1000     | Rmin. 1200     | Rmin. 1400     |
|------------|---------|----------------|----------------|----------------|----------------|----------------|
| 200        | RIGHT   | 5452010201A-CD | 5452010202A-CD | 5452010203A-CD | 5452010204A-CD | 5452010205A-CD |
|            | LEFT    | 5452010201A-CS | 5452010202A-CS | 5452010203A-CS | 5452010204A-CS | 5452010205A-CS |
| 400        | RIGHT   | 5452010401A-CD | 5452010402A-CD | 5452010403A-CD | 5452010404A-CD | -              |
|            | LEFT    | 5452010401A-CS | 5452010402A-CS | 5452010403A-CS | 5452010404A-CS | -              |
| 600        | RIGHT   | 5452010601A-CD | 5452010602A-CD | 5452010603A-CD | -              | -              |
|            | LEFT    | 5452010601A-CS | 5452010602A-CS | 5452010603A-CS | -              | -              |
| 800        | RIGHT   | 5452010801A-CD | 5452010802A-CD | -              | -              | -              |
|            | LEFT    | 5452010801A-CS | 5452010802A-CS | -              | -              | -              |
| 1000       | RIGHT   | 5452011001A-CD | -              | -              | -              | -              |
|            | LEFT    | 5452011001A-CS | -              | -              | -              | -              |

# ZERO<sup>520</sup>CONTACT

C U R V E

CURVE CONVEYOR WITH PLASTIC BELT

## Design

Improved construction and straight section eliminated before and after curve.

## Radius and pitch

Constant inner radius and reduced pitch.

## Easy implementation

Easy implementation in existing layouts respectively easy replacement of existing conveyor.

## Space

Less floorspace required.

## Safety

Closed-Top design and Improved safety.

## Product care

Improved product handling, holding original orientation.

## Low noise

Low noise return with rubber coated return roller.

## Speed

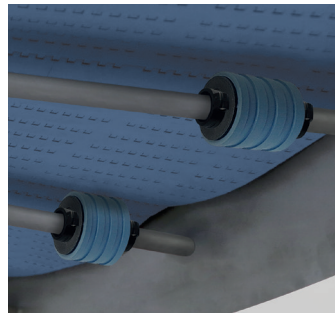
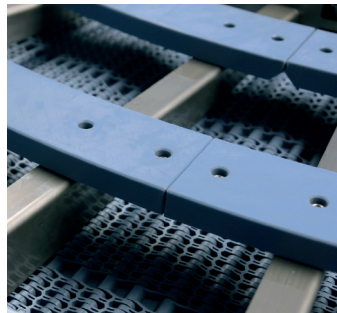
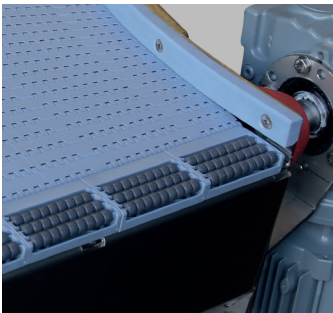
Up to 70 meters per minute.

## Money saving

With reduced maintenance cost.

### *Ideal for transporting:*

- Bags
- Containers
- Wrapped items
- Bundles
- Cartons



# **Movex<sup>TM</sup>**

**Movex S.p.A.** | Viale Industria, 22 - 24060 Castelli Calepio BG - Italy - Ph +39 035 8359711

**Movex GmbH** | Alfred-Nobel-Strasse, 4 - 68519 Viernheim - Germany - Ph +49 (0) 6204 9375-0

**Movex USA Inc.** | Ph +1-434-616-2590

**Movex Brasil Ltda** | Ph + 55 15 3141-2550

**Movex SA de CV.** | Ph + (33) 3110-0808

**Movex AG** | Ph + 91120 4159660-62

info@movexii.com | [www.movexii.com](http://www.movexii.com) | Follow us   