

CONVEYOR LOGISTICS

PRODUCT OVERVIEW



BELT CURVE

HD-BCV SERIES

www.conveyorlogistics.com.au



PRODUCT OVERVIEW

From 0 to 2.5 meters per second. The HD-BCV Belt Curve offers flexibility and a rigid construction that a requirement of belt curves.

Applications for our belt curve are in the continuous transportation of various freight, cartons / totes, containers, packaged goods, etc. with changes in direction. When implementing belt curve for your application, the highest priority is given to the lowest space requirements, a wide range of standard measurements or customer-specific measurements for integration into new or existing systems. The entire product range is a modular design and is designed based on state-of-the-art technology

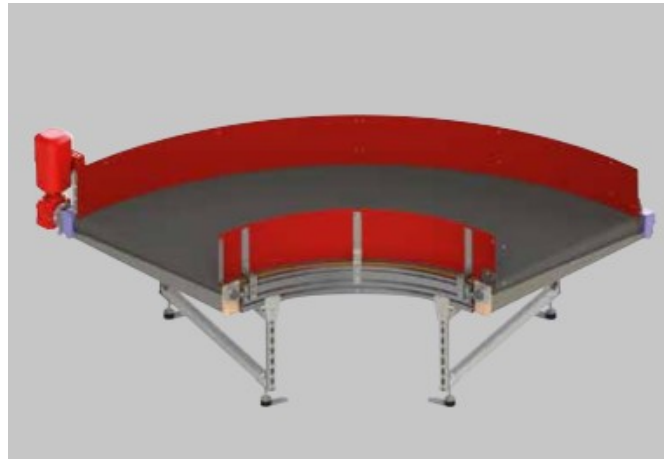
The HD-BCV Belt Curves are a modular design belt conveyor that can be adapted to suit any application. The design principles used when developing the HD-BCV Belt Curves are safety, adaptability, installation efficiency, belt tracking, aesthetics and value.

Designed for industry, the HD-BCV Belt Curves can be customised for your specific application and it won't impact your bottom line.

We offer variations for Flat conveying applications.

APPLICATIONS

The HD-BCV Belt Curves are developed for, but not limited to many intralogistics applications such as Warehousing, Transport & Freight Logistics, Carton & Tote handling, Food & Beverage, Order Picking Lines, Machine Feed Lines and many others.



PRODUCT FEATURES

- High level of operational safety due to simple design principles
- Closed belt surface ensuring a smooth product transition
- Friction drive with belt guiding system
- Parallel pulley transition gap
- Easily integrated with adjoining equipment
- Energy Efficient
- Quiet Operation <65dB

SPECIFICATIONS

HD-BCV SERIES



General	
<i>Inside Radius</i>	<i>Up to 2mtrs</i>
<i>Nominal Belt Width</i>	<i>Up to 1.5mtrs</i>
<i>Side Guides</i>	<i>Channel Type</i>
<i>Conveyor Speed</i>	<i>Up to 150 (meters per min)</i>
<i>Max. Load Rating</i>	<i>50kg Standard / Up to 300kg Extra HD</i>
<i>Operating Temperature</i>	<i>0 to +40 °C</i>
<i>Pulley Diameter</i>	<i>50, 80, 100, 120 & 180mm</i>
<i>Available Angles</i>	<i>30°, 45°, 60°, 90° & 180°</i>
Drive	
<i>Transmission</i>	<i>Gear Motor Unit</i>
<i>Transmission Configuration</i>	<i>Direct Shaft Mounted Drive</i>
<i>kW Rating</i>	<i>0.37kW, 0.55kW, 0.75kW, 1.1kW</i>
<i>Rated Voltage</i>	<i>415V – 3 Phase –50 Hz</i>
Frame	
<i>Channel & Slider Beds</i>	<i>Aluminium & Mild Steel</i>
<i>Transition Point</i>	<i>Tapered Roller—Parallel to end of frame</i>