Launch Information

Interroll
Center Drive Cassette

For transportation of small goods, like it is the case in check out applications, the smooth transition between two conveyors is crucial. The new development of Center of Excellence for Supermarket Solutions in Denmark offers a clever solution with nearly cutting edge transition: only Ø 17 mm idlers are used for belt deflection.

The Cassette is built with a drum motor as a center drive. Thanks to unique traction system, the belt is self-tracked, even for reversible operation. The belt is running with almost no pretension and very quiet. The application is not dependent on the belt tolerances as the Center Drive Cassette has a fixed length.

Benefits and features

- Small transition with only Ø17 mm
- Self-tracking belt, even for reversible operation
- No dependency on belt tolerances thanks to fixed length CC
- Higher belt life due to low tension forces
- Advantageous concept for wide belts, including under-quadric solutions

Small transfer gap for small items and scanner beam

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Center Drive Cassette

Technical Data

Design	CD Profiled (Center Drive) Fixed belt Center-Center (C/C) distance
Load Capacity	0 – 30 kg
Belt speed	Standard up to 0.30 m/s for 80 SMP and 0.38 m/s for 113 SMP Drum Motor
Cassette Size	Standard length C/C 358 - 2950 mm. Standard width EL 300 – 1118 mm. Frame height H 110 mm for 80 SMP, 143 mm for 113 SMP Drum Motor
Ambient temperature	+10° to +40° C

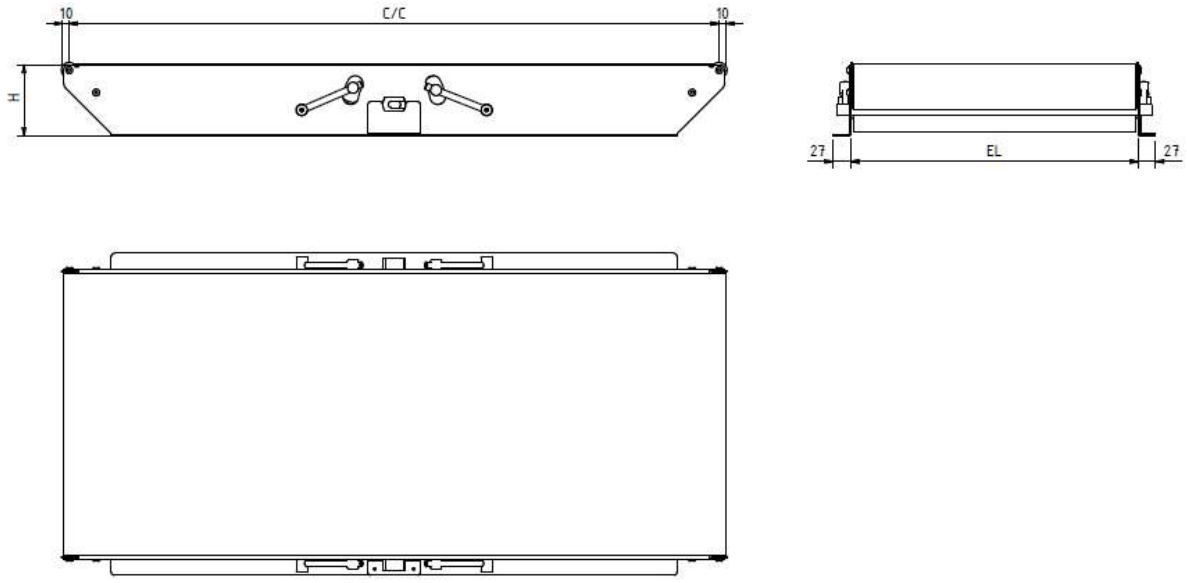
Drum Motor and Idler

Voltage	3x230V – 50 Hz, 3x400 V – 50 Hz
Roller type	Ø 50 mm (Interroll series 1700)
Drive type	Interroll Drum Motor 80 SMP or 113 SMP

Materials

Drive	Mild steel shell with hot vulcanized rubber Aluminum end housings and shaft caps
Idler	Ø17 mm centerless ground shaft, mild steel
Belt	Standard black PU/PET, 2mm, 2-ply, 1.2 mm thickness Pretension of belt 0%
Cassette frame	2 mm hot-dip coated galvanized steel

For other parameters (voltage, diameters etc.) please contact Interroll.



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