

# INTERROLL CASSETTE SYSTEM

Drum motor drive system

Cassette  
System

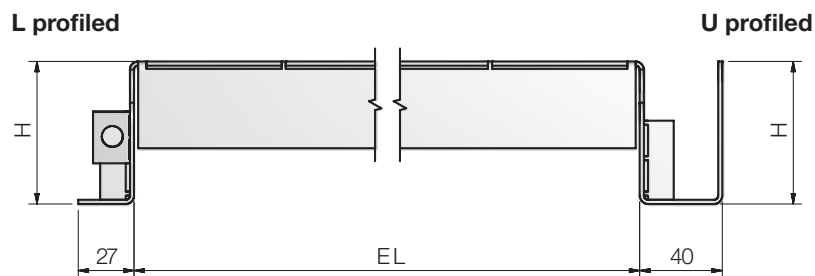
## Product Description

The Interroll Cassette system is a drum motor drive system to drive a conveyor belt in supermarket checkouts and in equipment used in supermarkets, including Retail Based Reversed Vending Machinery. The Interroll Cassette system includes the Patented Quick Tension/release idler system for easy installation and change of the conveyor belt.

## Technical Data

General technical data	
Design	U or L profiled Standard: Idler belt-adjustment Standard: Drum motor belt-adjustment (one side only, left is standard)
Load capacity	Small: 0 - 50 kg Medium: 50 - 100 kg Large: 100 - 150 kg > 150 kg on request
Cassette belt speed	Standard: 0.15 / 0.17 / 0.19 m/s Option: 0.11 / 0.13 / 0.21 / 0.23 / 0.25 / 0.28 / 0.30 / 0.34 m/s On request: < 0.11 and > 0.34 m/s Belt speed data are based on 1-phase drum motor speed
Length C/C	500 to 2,980 mm
Width EL	300 to 700 mm
Min. ratio length/width	2
Inclined/declined	Please contact your Interroll customer consultant
Ambient temperature	+5 to +40 °C
Drum Motor drive and Idler	
Voltage	1 x 230 V 50 Hz, 3 x 230 V 50 Hz, 3 x 400 V 50 Hz Option: 1 x 115 V 60 Hz, 3 x 230 V 60 Hz, 3 x 460 V 60 Hz
Speed	Drum motor speed is typically 5% lower than belt speed
Ø Drive	81 mm or 113 mm
Ø Idler pulley	Standard: 50 mm (Interroll 1750 idler) Option: 40 mm On request: < 40 mm
Materials	
Cassette	2 mm galvanised steel
Drum motor	Shell: surface protected End housings and shaft caps: aluminium
Idler pulley	Shell: galvanised End housings and endcaps: techno-polymer
Belt	Standard black PVC/PET, 2 mm, 2-ply, $K_{1\%}$ = 6-8 N/mm Pretension of belt 0.2 - 0.3% Other belt types on request

## Dimensions



Drum motor	H mm
80C	69
113C	85.5

**Note:** Standard belt width is equal to EL - 6

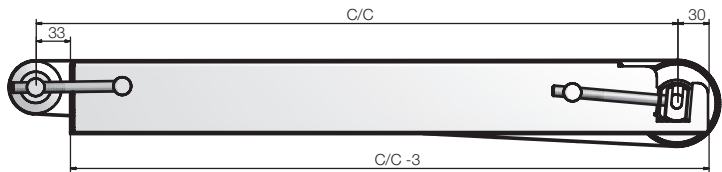
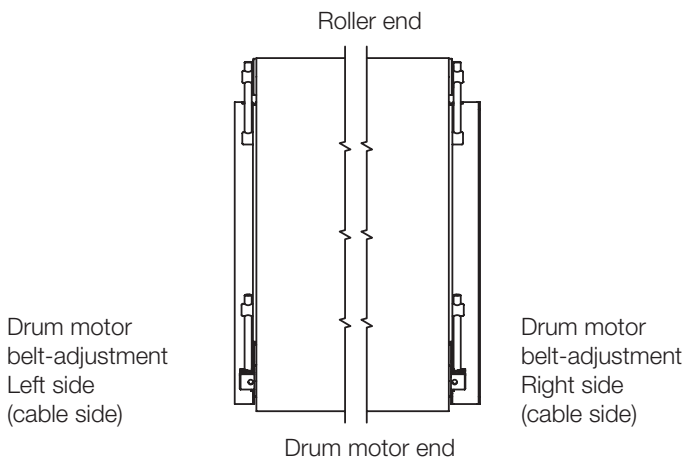


Fig.: Cassette shown as standard left design

## Ordering Information

Please provide the following information:

- C/C length
- EL width
- Design: U or L profiled
- Design: Left or right (important for cable outlet side)
- Ø Drum motor and Ø Idler pulley
- Required belt speed
- Load on the cassette
- Supply voltage and frequency
- Belt type (if not standard)
- Accumulation on belt

### Note:

- Cable and capacitor to be ordered separately
- The cassette can be connected for operation in both directions