



**Intelligent  
Shutter  
Safety**

**technical data sheet**



**Component**  
Drive belt

**Description**

A continuous, toothed drive belt that runs inside an aluminium extrusion. Running between 2 pulleys, the drive belt is driven by a 24 volt motor with integral gearbox, and controls travel, speed and direction of an attached shuttle mechanism, which in-turn is attached to the shutter door via a door linkage assembly.

The drive belt is manufactured from thermoplastic polyurethane reinforced with continuous spiral steel cords giving high breaking loads with extremely low elongation tolerances.

Offers good running characteristics and high traction loads, and is especially suited for power transmissions conveying high loads at high speeds up to 10,000 revolutions.

A nylon coating on the toothed surface during production enhances the running properties for certain applications and reduces the noise frictional coefficient.

**Key Properties**

- Constant dimensions
- Noiseless - low friction coefficient
- Maintenance free
- High abrasion resistance
- High flexibility
- High resistance to traction & elongation
- Ozone resistant
- High resistance to oils, greases, gasoline
- Fairly acid & alkaline proof
- Corrosion resistant stainless steel cords

**Composition**

Belt	Thermoplastic polyurethane (92° shore)
Teeth	Nylon fabric coated
Cords	Inox stainless steel

**Physical Properties**

Operating range	+80°C to -30°C
Traction load	3020 N max
Linear speed	70 m/s max
Length tolerance	± 2.92 mm
Thickness	5.4 mm (± 0.3 mm)
Width	20 mm (± 0.5 mm)
Weight	750.5 g



*Fast, easy to fit,  
remote control unit,  
designed specifically  
for multi-drop  
delivery vehicles*

Note: Centadrive is subject to a continuous product improvement program and, as such, product design and specifications included in this publication are subject to change without prior notice.

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