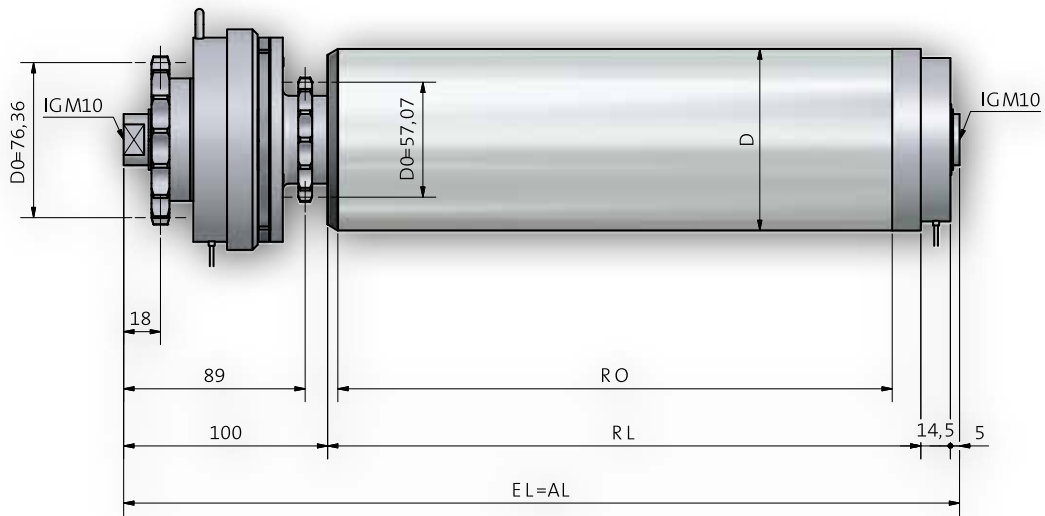


Contactless Conveying

Type 536E

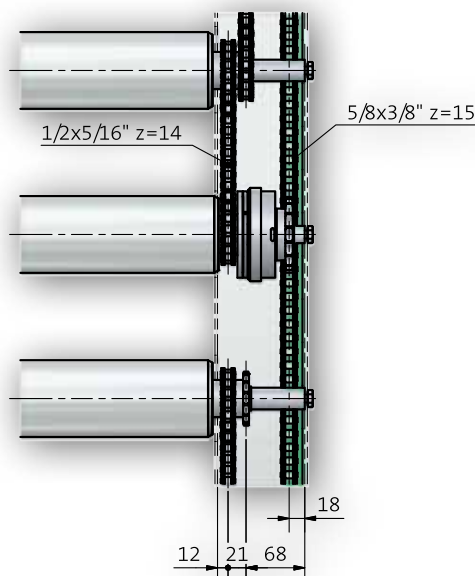
The clutch system Type 536E is made for transport of goods up to 10.000N. On one side the clutch has a sprocket 5/8 x 3/8" z15 with Bolt Tooth Form for tangential drive.

On the other side there is a chain 1/2 x 5/16" z14, that transmits the power to the driven section.



Type 536e can be used together with Rollex Drive System.

Order Specification		A...IGM...
Shaft-Ø	EL=	
25	RL+	120



Contactless Conveying

Type 536E

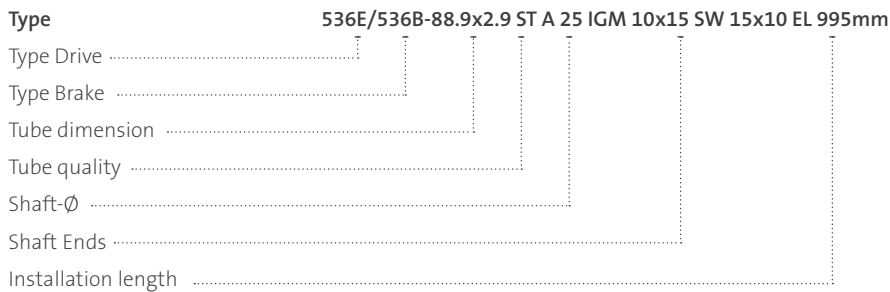
Clutch element

Bearing Type
 Load Capacity/Roller
 Range of Temperature Celcius
 Nominal Power
 Power Range
 Ampacity
 Max. Rating
 Max. Torque
 Insulation Group
 Note
 Max. Speed

Electromagnetic Clutch 24V DC

Ball Bearing DIN 625
 2.000N (to depending upon the load limit of tube and shaft)
 -5 to +40°C
 24 VDC
 24 - 27 VDC
 3,04 A
 32W
 40 Nm
 B
 Avoid contact with oil and grease on the clutch.
 0,3 m / sec.

Order Example



Contactless Conveying

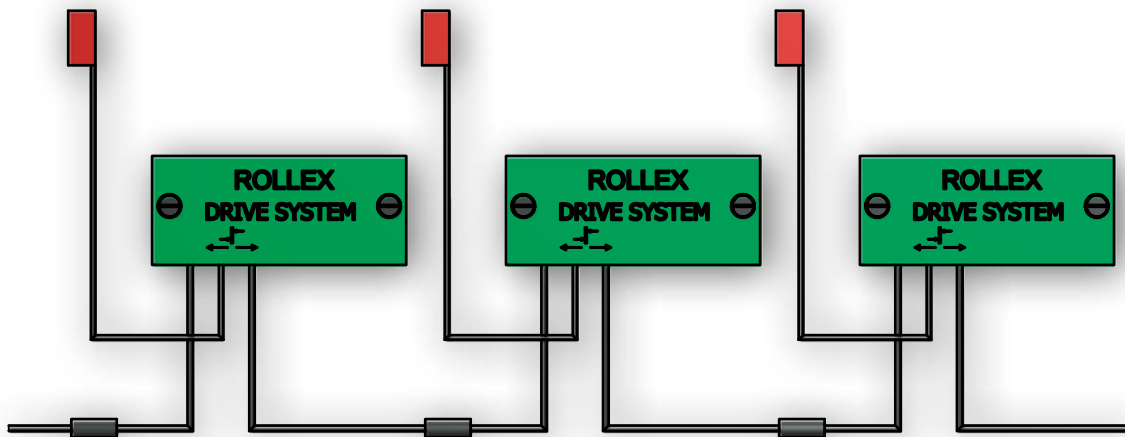
Accessories for Type 536E

Drive System

The Rollex Drive System makes the use of contactless conveying systems easy. By combination of single components with the Drive System (construction kits) complex systems can be installed very simply and with low costs.

The Drive System has an integrated logic. The System can communicate with other sectors and regulates the material flow. The drive is only added if a transportation good passes the light barrier. After leaving the drive it automatically stops.

So you can divide long track into short, automatic switch on and switch off devices.

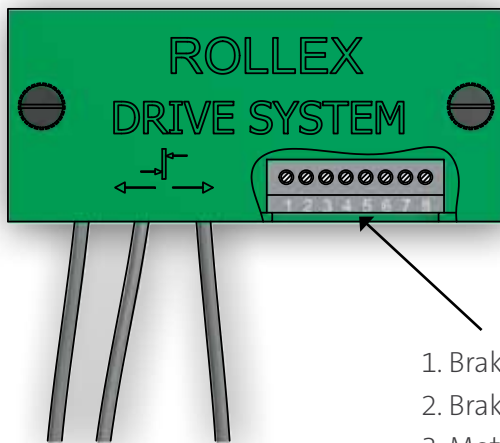


Contactless Conveying

Accessories Type 536E

Drive System

The connection of the system cards happens by means of M8-Clamps to the pre-and after-sections. The power supply can be made separately. For power supply through the Card all 14 to 20 Cards have to be feed new re the drive concept.



1. Brake+
2. Brake-
3. Motor / Clutch +
4. Motor / Clutch -
5. Power Supply 24 VDC +
6. Power Supply 24 VDC +
7. Power Supply 24 VDC -
8. Power Supply 24 VDC -

Rollex Drive System can be used together with motor roller 840-50 or clutch system 536E

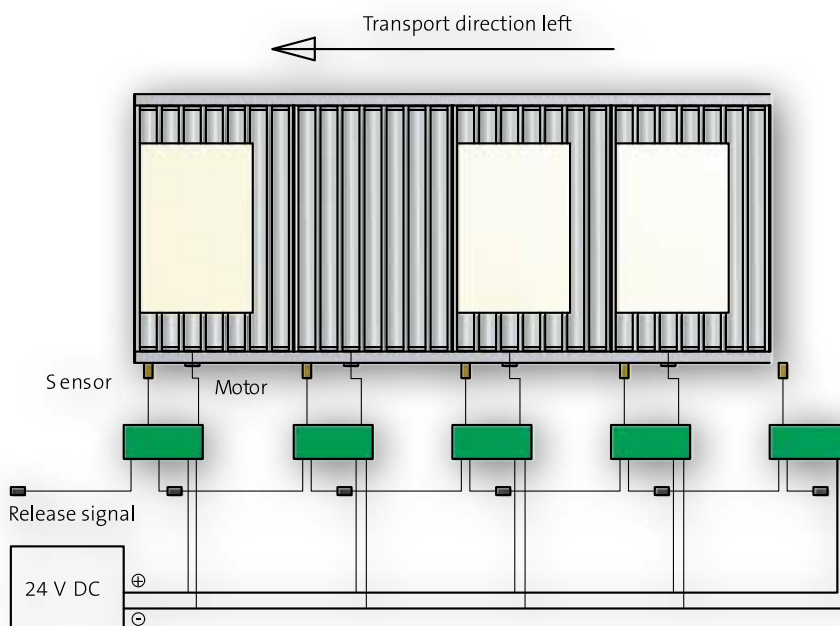
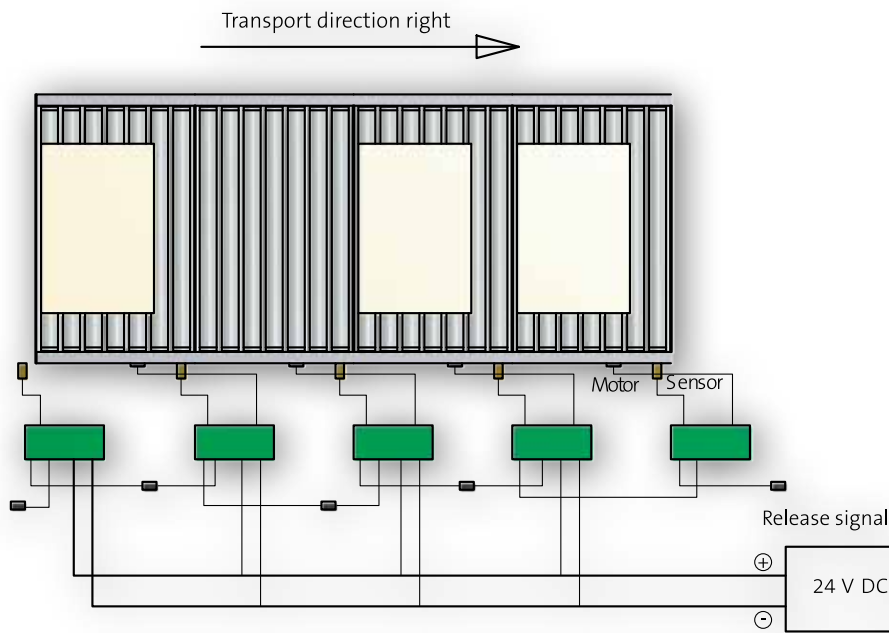
Technical Data

Power Supply	24 VDC		
Temperature	-5°C to 40°C		
Fuse	3,15 A		
Current Limiter	Motor/Clutch	Starting Current	2,02 A
		Continuous Load	2,02 A
	Brake	Starting Current	1,8 A / 200ms
		Continuous Load	1,2 A

Contactless Conveying

Accessories for Type 536E

Drive System – Basic construction depending on transport direction



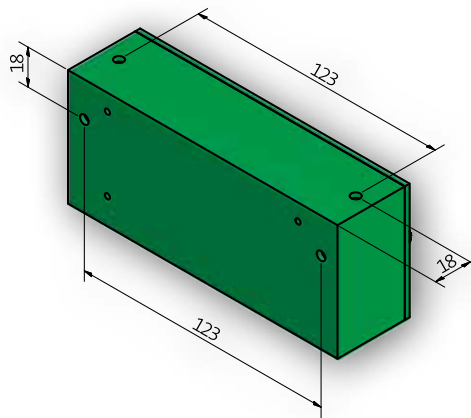
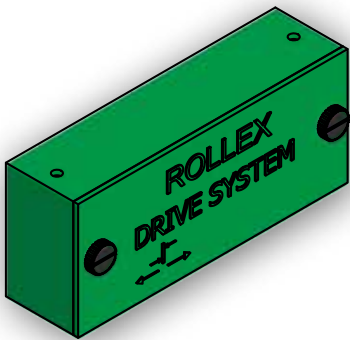
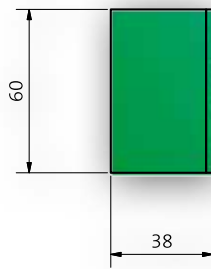
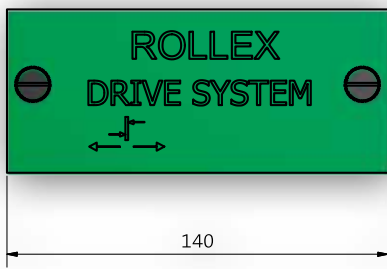
Contactless Conveying

Accessories for Type 536E

Drive System – Construction Advice

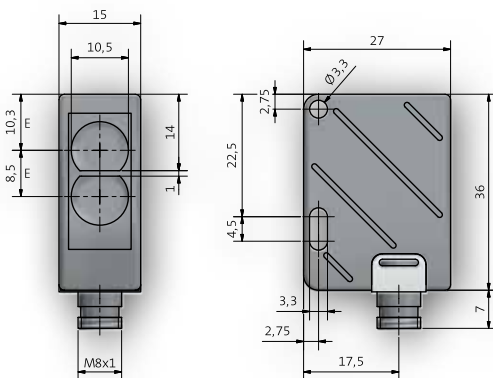
The Rollex Drive System Card is protected by a plastic box.

The box can be mounted to the track profile by means of M4 Screws.

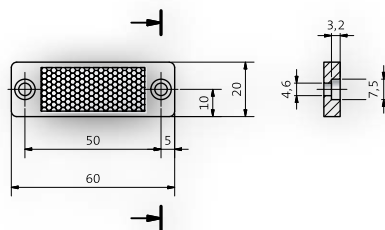


- ← = connection to pre section
- ← | → = connection light barrier
- = connection after section

Light barrier:



Reflector:



Clamp of light barrier:

