

AluFlexGroup

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ROLLER CONVEYORS





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Roller Conveyors

Elevate your material handling with AluFlex versatile roller conveyors. Our range includes Non-driven and 24V roller conveyors, as well as robust 300/400V options, providing solutions for various needs.

Non-driven Roller Conveyors: These gravity-powered conveyors are perfect for horizontal and inclined applications, offering cost-effective material transport with minimal effort.

24V Roller Conveyors: For dynamic, controlled conveying, our motorized roller conveyors allow precise speed and direction control. They're energy-efficient and integrate seamlessly into automated systems.

300/400V Roller Conveyors: When heavy-duty performance is crucial, our 300/400V conveyors excel, handling high loads reliably in demanding industrial applications.

Choose from straight or curved versions, accommodating diverse material transport needs while optimizing floor space and workflow efficiency. At AluFlex, we tailor our roller conveyors to your specific requirements, ensuring they enhance your operations. Count on us for quality, reliability, and exceptional customer support.

To explore how AluFlex can transform your material handling processes and to receive personalized guidance, contact our dedicated AluFlex team today.



Roller Conveyors Non-driven RCND

General technical data

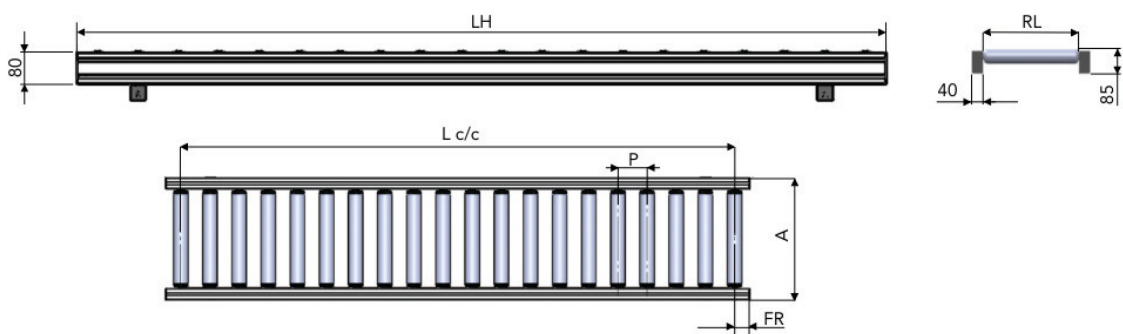
Max. load capacity (per meter)	100 kg
Ambient temperature	-5 to +50 °C

Roller

Roller bearing	Sealed precision ball bearing 6002 2RZ
Roller diameter	50 mm
Roller material	Steel, zinc-plated
Accumulation	Yes, Contact AluFlex

Side profile

Type	Type A 	Type B 
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Dimensions

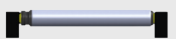
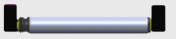
RL	A-80
LH	450-6000
A	300-1200
P	55/75/100/125/Special request
FR	$FR=LH-P/2$
Type	Type A/Type B

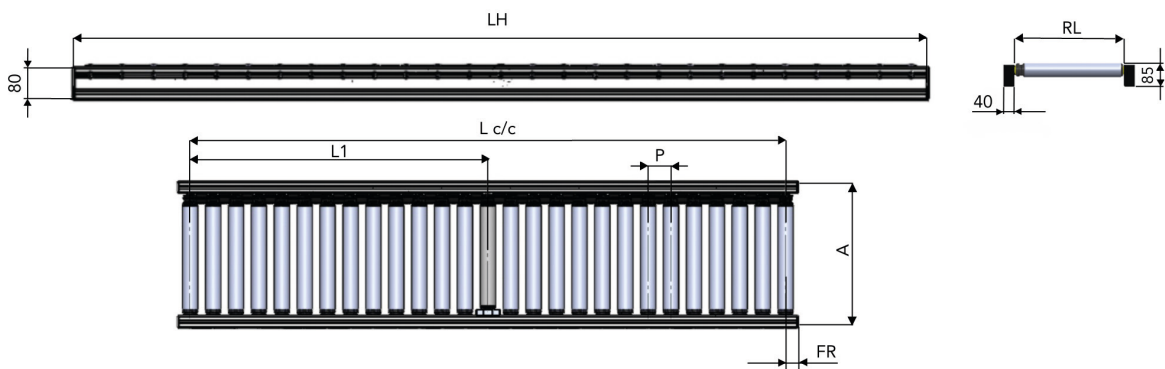


Roller Conveyors 24V Driven RC24VPV

General technical data		Poly-V belt
Max. load capacity (per/motor)		25-50 kg
Conveyor speed		1.2-120.6 m/min
Ambient temperature		+5 to +40 °C

Roller	
Roller bearing	Sealed precision ball bearing 6002 2RZ
Roller diameter	50 mm
Roller material	Steel, zinc-plated
Max. number of rollers per motor	20

Drive	
Rated voltage	24 VDC
Motor	35 W
Drive	Poly-V 2-ribs
Torque transmission	Roller-to-roller
Accumulation	Yes, Contact AluFlex
Type	Type A  Type B 



Dimensions	
RL	A-80
LH	450-6000
A	300-1200
P (Pitch)	75/100/Special request
FR (First Roller)	$FR=LH-P/2$
Type	Type A/Type B
L1	C/C Standard

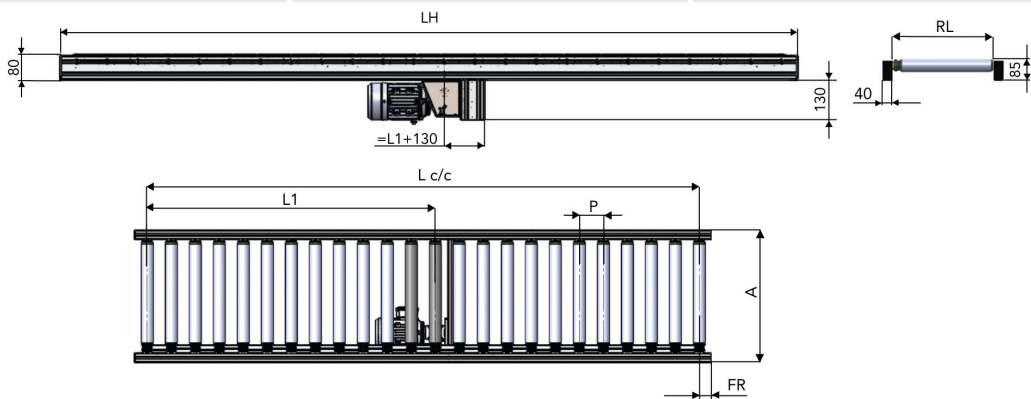


Roller Conveyors 3-phase Driven RC3-PPV/RC3-PTB

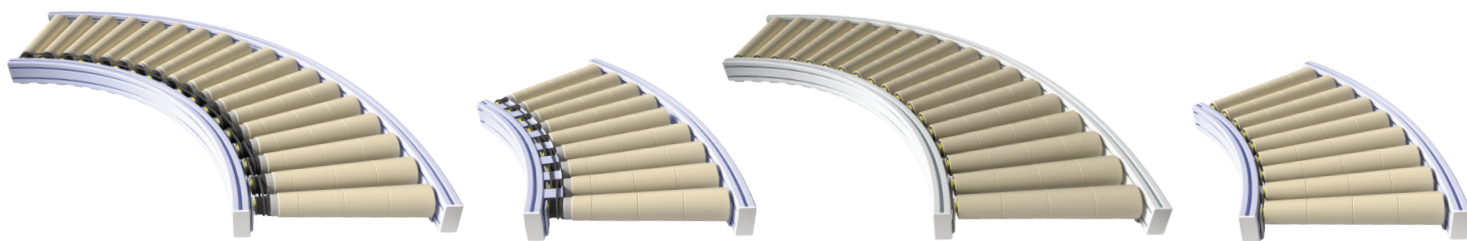
General technical data	Timing belt	Poly-V belt
Max. load capacity (per/motor)	200-300 kg	100-200 kg
Conveyor speed	2.6-41 m/min	2.6-41 m/min
Ambient temperature	+5 to +40 °C	+5 to +40 °C

Roller		
Roller bearing	Sealed precision ball bearing 6002 2RZ	Sealed precision ball bearing 6002 2RZ
Roller diameter	50 mm	50 mm
Roller material	Steel, zinc-plated	Steel, zinc-plated
Max. number of rollers per conveyor/zone	20-60	20-40

Drive		
Rated voltage	230/400V	230/400V
Motor	0.09-0.37 kW	0.09-0.37 kW
Drive	Omega HTD 8 m	Poly-V 2-3-ribs
Torque transmission	Roller-to-roller	Roller-to-roller
Accumulation	Yes, Contact AluFlex	Yes, Contact AluFlex
Type	Type A 	Type A  Type B 



Dimensions		
RL	A-80	A-80
LH	450-6000	450-6000
A	300-1200	300-1200
P (Pitch)	72/104/148	75/100/Special request
FR (First Roller)	FR=LH-P/2	FR=LH-P/2
Type	Type A/Type B	Type A/Type B
L1	C/C Standard	C/C Standard



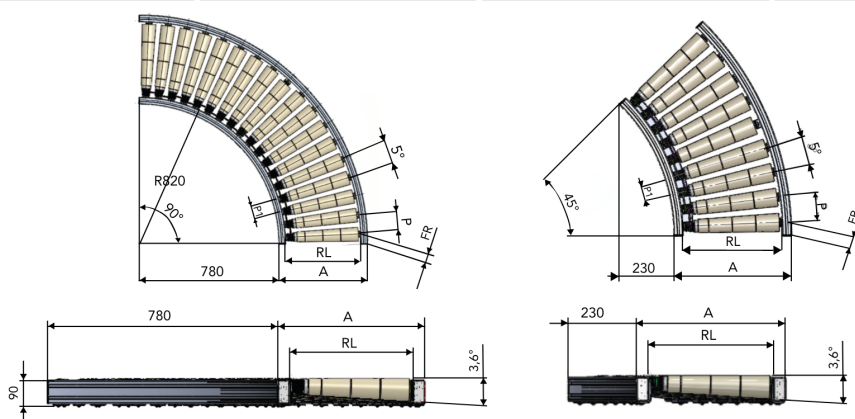
Roller Conveyors 24V/3-phase Curved Driven/Non-driven

RC24V90PV, RCND90, RC3-P90PV, RCND45, RC24V45PV & RC3-P45PV

	Non-driven	24V Poly-V belt	3-phase Poly-V belt
Max. load capacity (Per motor)	100 kg	25-50 kg	100 kg
Conveyor speed	9,6 to 80 m/min	9,6 to 80 m/min	9,6 to 80 m/min
Ambient temperature	+5 to +40 °C	+5 to 40 °C	+5 to +40 °C

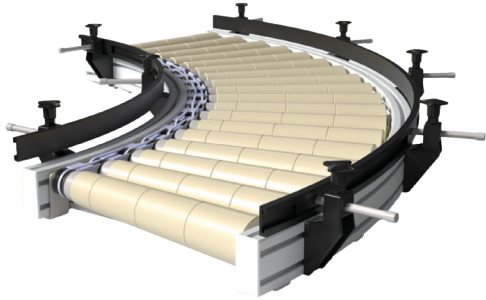
Roller			
Roller bearing	Sealed Precision ball bearing 6002 2RZ	Sealed Precision ball bearing 6002 2RZ	Sealed Precision ball bearing 6002 2RZ
Roller diameter	50 mm	50 mm	50 mm
Roller material	Steel, zinc-plated	Steel, zinc-plated	Steel, zinc-plated
Tapered cone material	Polypropylen	Polypropylen	Polypropylen
Number of rollers per conveyor	9/18 = 9 (45°) / 18 (90°)	9/18 = 9 (45°) / 18 (90°)	9/18 = 9 (45°) / 18 (90°)

Drive			
Rated voltage	N/A	24 VDC	230/400V
Motor	N/A	35W	0.09-0.37kW
Drive	N/A	Poly-V 2 Ribs	Poly-V 2 Ribs
Torque transmission	N/A	Roller-to-roller	Roller-to-roller
Accumulation	No	No	No
Type	Type A	Type A	Type A

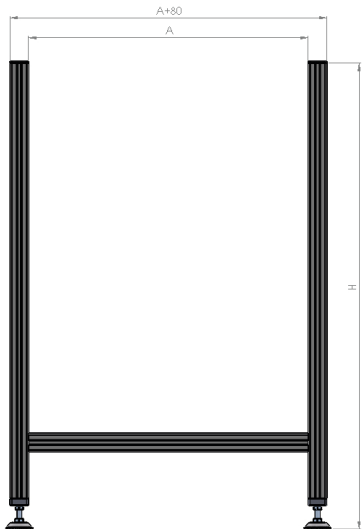


Dimensions			
RL	A-80	A-80	A-80
Angle	45° / 90°	45° / 90°	45° / 90°
A	500/600/700	500/600/700	500/600/700
P (Pitch)	107.8/116.5/125.2	107.8/116.5/125.2	107.8/116.5/125.2
FR (First Roller)	71.8	71.8	71.8
Type	Type A	Type A	Type A

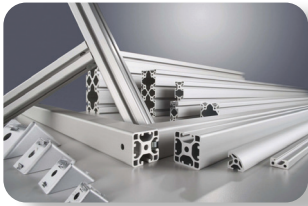
Accessories

Lateral guide adjustable Curved	Ref. No.
	Type 500C Type 600C Type 700C

Lateral guide adjustable straight	Ref. No.
	Type XXXS XXXS = Conveyor Width

Floor stand	A (mm)	H
	Conveyor width	According to request

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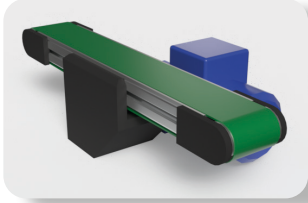
Item Aluminium Profiles



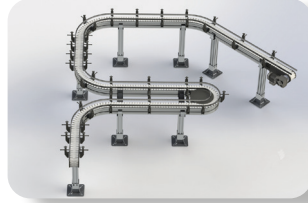
D30 Tube System



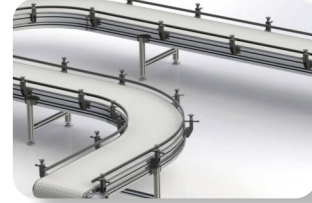
Work Bench System



Conveyor Belt System



Chain Conveyors



Modular Belt Conveyors



Pallet Conveyors



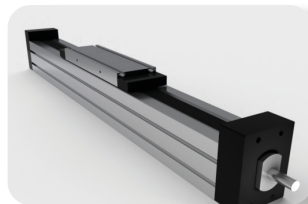
Ball Bushings



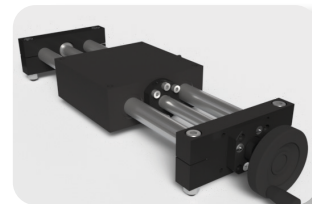
Linear Guides



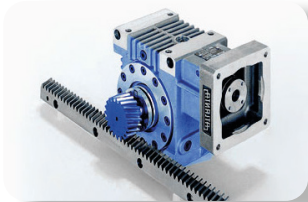
Ball Screws



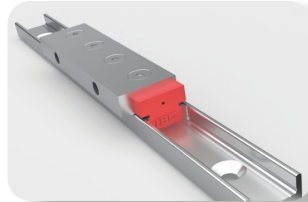
Linear Modules



Adjustment Modules



Rack and Pinion



Compact Rail



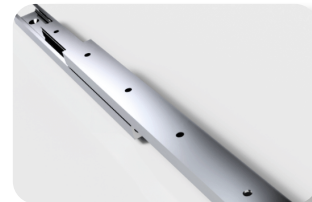
FlexFit



Complete Mechanical Solutions



Light Telescopic Rail




Heavy Telescopic Rail

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