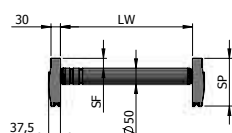
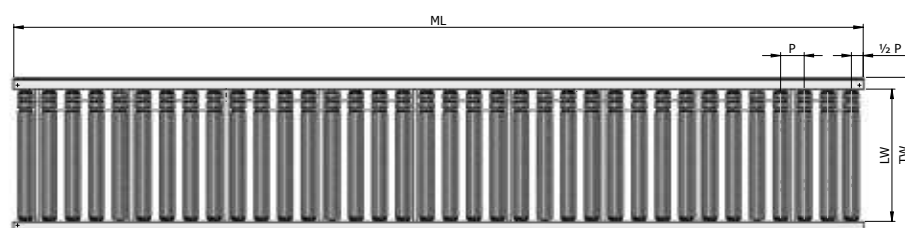


TECHNICAL DATA

	Round belt	PolyVee belt
General technical data		
Max. load capacity	50 kg	80 kg
Conveyor speed	0,16 to 1,75 m/s	0,16 to 1,75 m/s
Inclined/declined	Not suitable	Not suitable
Ambient temperature	+5 to +40 °C	+5 to +40 °C
Maximum load capacity is depending on the combination of speed & load		
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	11	20
Drive		
Rated voltage	24 VDC	24 VDC
Max. electrical power per zone	0.05 kW	0.05 kW
Drive medium	PU round belt ø 5 mm	PolyVee belt
Torque transmission	Roller-to-roller	Roller-to-roller
Side profile		
Profile H	151,5 mm high 31,5 mm above top edge of roller	
Profile L	Permits lateral displacement 116 mm high 4 mm below top edge of roller	
Combination of profile heights left/right	HH  HL  LH  LL 	

DIMENSIONS



Dimensions

LW Clearance	420 / 520 / 620 / 820 mm
ML Max. module length	3000 mm
ZL Zone length	Number of rollers x P
TW Module width	LW + 75 mm
P Roller pitch	75 / 100 mm
SP Side profile	116 / 151,5 mm
SF Side guide	31,5 mm



EASY CONFIGURATOR

Please create the reference number with the following configurator.

1 TYPE
RCB 51

2 Clearance LW Friction Top Roller put **F** behind the **LW**
420 | 520 | 620 | 820 Example 51 - 420F - 75 -

3 Roller pitch P in mm
A 75 | 100

4 Module length ML in mm
A min 300 mm, numbers of rollers x P, max 3000 mm

5 Number of zones
See Application Notes PAGE 118

6 Electric side
Right | **R** / Left | **L**

7 Drive medium
Round belt | **R**
PolyVee belt | **P**

8 Conveyor speed in m/s
0,16 | 0,25 | 0,33 | 0,44 | 0,65 | 0,78 | 0,98 | 1,31 | 1,75

9 Side profiles
HH | HL | LH | LL

1 **2** **3** **4** **5** **6** **7** **8** **9**
51 - - - - - - - - -

ORDER EXAMPLE

Example for a reference number:

51 - 620 - 75 - 2375 - 4 - R - R - 0,33 - HH

This reference number stands for RollerDrive Conveyor RCB 51 with a clearance LW 620 mm, a roller pitch P 75 mm, a module length ML 2375 mm, 4 zones, the electric side on the right, a round belt as drive medium, a conveyor speed of 0.33 m/s and both sides high side profile.

ORDER INFORMATION

- The module is fully assembled
- Please order support stands, end caps, sensors, straight connectors and 24 V power supply unit separately
- Steel components are zinc-plated

CONFIGURATOR

- For selection of the RollerDrive please consult the information on PAGE 110
- If you require a non-standard model, contact your local Easy Supplier.

ACCESSOIRES

- Support stands, see PAGE 104
- Accessoires, see PAGE 114



TECHNICAL DATA

General technical data

Max. load capacity	50 kg
Conveyor speed	0,16 to 1,75 m/s
Inclined/declined	Not suitable
Ambient temperature	+5 to +40 °C

Maximum load capacity is depending on the combination of speed & load

Roller

Roller bearing	Sealed Precision ball bearing 6002 2RZ
Roller diameter	50 mm
Roller material	Steel, with grey tapered polypropylene sleeves
Max. number of rollers per conveyor/zone	9

Drive

Rated voltage	24 VDC
Max. electrical power per zone	0.05 kW
Drive medium	PU round belt ø 5 mm
Torque transmission	Roller-to-roller

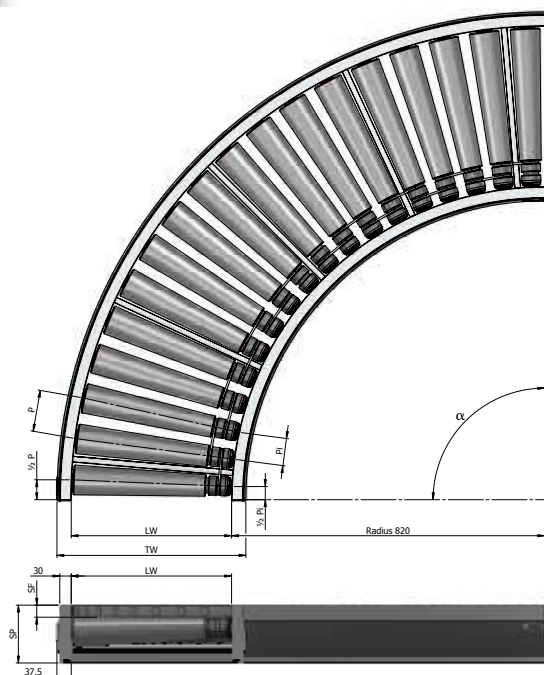
Side profile

Profile H	151,5 mm high 31,5 mm above top edge of roller	
Profile L	Permits lateral displacement 116 mm high 4 mm below top edge of roller	

Combination of profile heights left/right



DIMENSIONS



Dimensions

LW Clearance	420 / 520 / 620 / 820 mm
TW Module width	LW + 75 mm
α Angle	30° / 45° / 60° / 90°
P Roller pitch, external	~ (0.087 mm x LW) + Pi
Pi Roller pitch, internal	~ 72 mm
SP Side profile	151,5 mm
SF Side guide	31,5 mm



EASY CONFIGURATOR

Please create the reference number with the following configurator.

1 TYPE
RCB 51

2 Clearance LW
420 | 520 | 620 | 820

3 Angle α
30° | 45° | 60° | 90°

4 Number of zones
1
2 (only 90°)

5 Drive medium
Round belt | R

6 Conveyor speed in m/s
0,16 | 0,25 | 0,33 | 0,44 | 0,65 | 0,78 | 0,98 | 1,31 | 1,75

7 CCW = counter clock wise
CW = clock wise



8 Side profiles
HH | HL | LH | LL

1 2 3 4 5 6 7 8
51 - - - - R - - -

ORDER EXAMPLE

Example for a reference number:
51 - 420 - 90 - 2 - R - 0,65 - CW - HH

This reference number stands for 24 VDC RollerDrive Conveyor RCB 51 with a clearance LW 420 mm, an angle 90°, 2 zones, a round belt as drive medium and a conveyor speed of 0.65 m/s, product flow CW and both sides high side profile.



ORDER INFORMATION

- The module is fully assembled
- Please order support stands, end caps, sensors, straight connectors and 24 V power supply unit separately
- Steel components are zinc-plated

CONFIGURATOR

- For selection of the RollerDrive please consult the information on PAGE 110
- If you require a non-standard model, contact your local Easy Supplier.

ACCESSOIRES

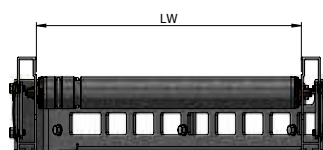
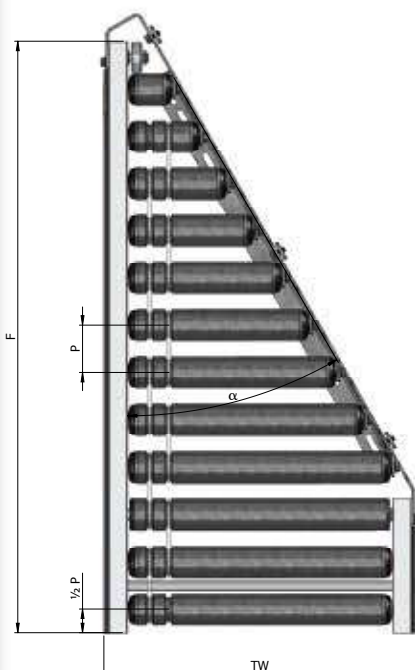
- Support stands, see P104
- Accessoires, see PAGE 114



TECHNICAL DATA

	Round belt	PolyVee belt
General technical data		
Max. load capacity	35 kg	50 kg
Conveyor speed	0,16 to 1,75 m/s	0,16 to 1,75 m/s
Inclined/declined	Not suitable	Not suitable
Ambient temperature	+5 to +40 °C	+5 to +40 °C
Maximum load capacity is depending on the combination of speed & load		
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	11	20
Drive		
Rated voltage	24 VDC	24 VDC
Max. electrical power per zone	0.05 kW	0.05 kW
Drive medium	PU round belt ø 5 mm	PolyVee belt
Torque transmission	Roller-to-roller	Roller-to-roller
Side profile		
Profile H	151,5 mm high 31,5 mm above top edge of roller	
Profile L	Permits lateral displacement 116 mm high 4 mm below top edge of roller	
Combination of profile heights left/right		

DIMENSIONS



Dimensions

LW Clearance	420 / 520 / 620 / 820 mm
TW Module width	LW + 75 mm
F Face length	See application Notes P118
α Angle	30° / 45°
P Roller pitch	75 mm
SP Side profile	151,5 mm
SF Side guide	31,5 mm



EASY CONFIGURATOR

Please create the reference number with the following configurator.

1 TYPE
RCB 51

2 Clearance LW
420 | 520 | 620 | 820

3 Roller pitch P in mm
75

4 Angle α
30° | 45°

5 Infeed
I

6 Infeed position
Left hand | LH
Right hand | RH



7 Drive medium
Round belt | R
PolyVee belt | P

8 Conveyor speed in m/s
0,16 | 0,25 | 0,33 | 0,44 | 0,65 | 0,78 | 0,98 | 1,31 | 1,75

9 Side profiles
HH | HL | LH | LL

1 2 3 4 5 6 7 8 9
51 - F - 75 - I - - - - -

ORDER EXAMPLE

Example for a reference number:

51 - 420 - 75 - 30 - I - RH - R - 0,33 - HH

This reference number stands for 24 VDC RollerDrive Conveyor RCB 51 with a clearance LW 420 mm, a roller pitch P 75 mm, an angle of 30°, infeed, a right hand merge, a round belt as drive medium, a conveyor speed of 0,33 m/s and both sides high side profile.

ORDER INFORMATION

- The module is fully assembled
- Please order support stands, side glides, end caps, sensors, straight connectors and 24 V power supply unit separately
- Steel components are zinc-plated

CONFIGURATOR

- For selection of the RollerDrive please consult the information on PAGE 110
- For ML Module Lengths see application Notes PAGE 134
- If you require a non-standard model, contact your local Easy Supplier.

ACCESSOIRES

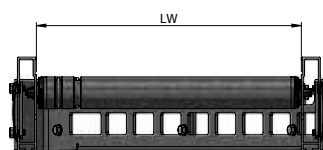
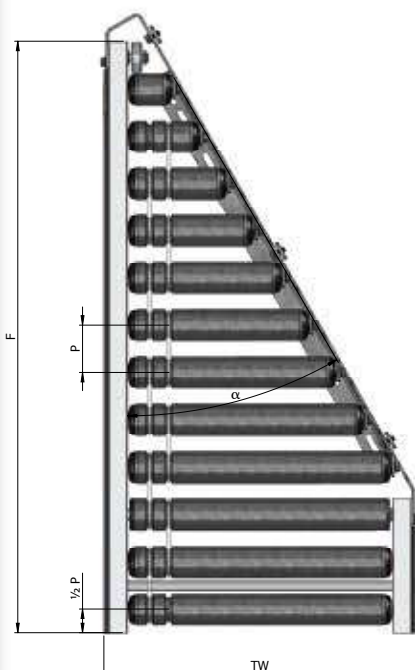
- Support stands, see PAGE 104
- Accessoires, see PAGE 114



TECHNICAL DATA

	Round belt	PolyVee belt
General technical data		
Max. load capacity	35 kg	50 kg
Conveyor speed	0,16 to 1,75 m/s	0,16 to 1,75 m/s
Inclined/declined	Not suitable	Not suitable
Ambient temperature	+5 to +40 °C	+5 to +40 °C
Maximum load capacity is depending on the combination of speed & load		
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	11	20
Drive		
Rated voltage	24 VDC	24 VDC
Max. electrical power per zone	0.05 kW	0.05 kW
Drive medium	PU round belt ø 5 mm	PolyVee belt
Torque transmission	Roller-to-roller	Roller-to-roller
Side profile		
Profile H	151,5 mm high 31,5 mm above top edge of roller	
Profile L	Permits lateral displacement 116 mm high 4 mm below top edge of roller	
Combination of profile heights left/right	HH  HL  LH  LL 	

DIMENSIONS



Dimensions

LW Clearance	420 / 520 / 620 / 820 mm
TW Module width	LW + 75 mm
F Face length	See application Notes P118
α Angle	30° / 45°
P Roller pitch	75 mm
SP Side profile	151,5 mm
SF Side guide	31,5 mm



EASY CONFIGURATOR

Please create the reference number with the following configurator.

1 TYPE
RCB 51

2 Clearance LW
420 | 520 | 620 | 820

3 Roller pitch P in mm
75

4 Angle α
30° | 45°

5 Outfeed
0

6 Outfeed position
Left hand | LH
Right hand | RH

LH   RH

7 Drive medium
Round belt | R
PolyVee belt | P

8 Conveyor speed in m/s
0,16 | 0,25 | 0,33 | 0,44 | 0,65 | 0,78 | 0,98 | 1,31 | 1,75

9 Side profiles
HH | HL | LH | LL

1 2 3 4 5 6 7 8 9
51 - F - 75 - 0 - - - - -

ORDER EXAMPLE

Example for a reference number:

51 - 420 - 75 - 30 - 0 - RH - R - 0,33 - HH

This reference number stands for 24 VDC RollerDrive Conveyor RCB 51 with a clearance LW 420 mm, a roller pitch P 75 mm, an angle of 30°, outfeed, a right hand merge, a round belt as drive medium, a conveyor speed of 0,33 m/s and both sides high side profile.

ORDER INFORMATION

- The module is fully assembled
- Please order support stands, side glides, end caps, sensors, straight connectors and 24 V power supply unit separately
- Steel components are zinc-plated

CONFIGURATOR

- For selection of the RollerDrive please consult the information on PAGE 110
- For ML Module Lengths see application Notes PAGE 134
- If you require a non-standard model, contact your local EASY Supplier.

ACCESSOIRES

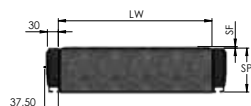
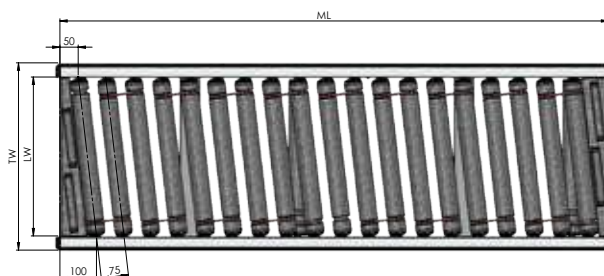
- Support stands, see PAGE 104
- Accessoires, see PAGE 114



TECHNICAL DATA

	Round belt	PolyVee belt
General technical data		
Max. load capacity	50 kg	80 kg
Conveyor speed	0,16 to 1,75 m/s	0,16 to 1,75 m/s
Inclined/declined	Not suitable	Not suitable
Ambient temperature	+5 to +40 °C	+5 to +40 °C
Maximum load capacity is depending on the combination of speed & load		
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	11	20
Drive		
Rated voltage	24 VDC	24 VDC
Max. electrical power per zone	0.05 kW	0.05 kW
Drive medium	PU round belt ø 5 mm	PolyVee belt
Torque transmission	Roller-to-roller	Roller-to-roller
Side profile		
Profile H	151,5 mm high 31,5 mm above top edge of roller	
Profile L	Permits lateral displacement 116 mm high 4 mm below top edge of roller	
Combination of profile heights left/right	HH  HL  LH  LL 	

DIMENSIONS



Dimensions

LW Clearance	420 / 520 / 620 / 820 mm
ML Max. module length	3000 mm
ZL Zone length	Number of rollers x P
TW Module width	LW + 75 mm
P Roller pitch	75 mm
SP Side profile	116 / 151,5 mm
SF Side guide	31,5 mm



EASY CONFIGURATOR

Please create the reference number with the following configurator.

1 TYPE RCB 51A

2 Clearance LW

Friction Top Roller put **F** behind the **LW**
 420 | 520 | 620 | 820
 Example 51 - 420F - 75 -

3 Roller pitch P in mm A 75

4 Module length ML in mm

A min 300 mm, numbers of rollers x P, max 3000 mm

5 Number of zones

See Application Notes PAGE 118

6 Electric side Alignment side

Right | **R** / Left | **L** Right | ↗ / Left | ↖

7 Drive medium

Round belt | **R**
 PolyVee belt | **P**

8 Conveyor speed in m/s

0,16 | 0,25 | 0,33 | 0,44 | 0,65 | 0,78 | 0,98 | 1,31 | 1,75

9 Side profiles

HH | HL | LH | LL

1 2 3 4 5 6 7 8 9
 - - - - - - - -

ORDER EXAMPLE

Example for a reference number:

51A - 620 - 75 - 2375 - 4 - R - R - 0,33 - HH

This reference number stands for RollerDrive Alignment Conveyor RCB 51 with a clearance LW 620 mm, a roller pitch P 75 mm, a module length ML 2375 mm, 4 zones, the electric side on the right, alignment to the right side, a round belt as drive medium, a conveyor speed of 0.33 m/s and both sides high side profile.

Angle of rollers

420 - 6,8° | 520 - 5,5° | 620 - 4,6° | 820 - 3,5°

ORDER INFORMATION

- The module is fully assembled
- Please order support stands, end caps, sensors, straight connectors and 24 V power supply unit separately
- Steel components are zinc-plated

CONFIGURATOR

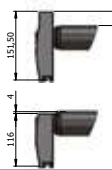
- For selection of the RollerDrive please consult the information on PAGE 110
- If you require a non-standard model, contact your local Easy Supplier.

ACCESSOIRES

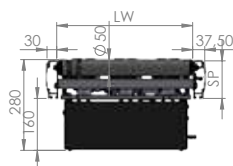
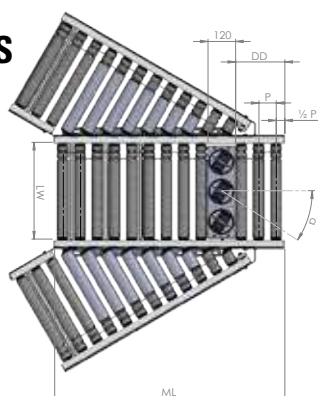
- Support stands, see PAGE 104
- Accessoires, see PAGE 114



TECHNICAL DATA

	Round belt	PolyVee belt
General technical data		
Max. load capacity	35 kg	50 kg
Conveyor speed	0,16 to 1,00 m/s	0,16 to 1,00 m/s
Inclined/declined	Not suitable	Not suitable
Ambient temperature	+5 to +40 °C	+5 to +40 °C
Maximum load capacity is depending on the combination of speed & load		
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
Drive		
Rated voltage	24 VDC	24 VDC
Max. electrical power per zone	0,05Kw	0,05Kw
Drive medium	Round belt	Poly-V belt
Torque transmission	Roller-to-roller	Roller-to-roller
Motion Control		
Motion medium	Pneumatic	Pneumatic
Swiveling time	0,3 sec / 90°	0,3 sec / 90°
Side profile		
Profile H	151,5 mm high 31,5 mm above top edge of roller	
Profile L	Permits lateral displacement 116 mm high 4 mm below top edge of roller	
Combination of profile heights left/right		

DIMENSIONS



Dimensions

LW Clear width	420 / 520 / 620 / 820 mm
LWT Clear width transfer	420 / 520 / 620 / 820 mm
ML Max. module length	2400 mm
TW Module width	LW + 75 mm
α Angle	30°
P Roller pitch	75 mm
F Face lenght	See Application Notes P118
SP Side profile	151,5 mm
SF Side guide	31,5 mm