




**METALIKA**

COMPONENTS FOR INDUSTRY **KACIN**

## SLIDING AND PULL OUT CABINET RUNNERS





	Application	Load bearing capacity up to kg	Nominal length mm																Page		
			350	400	425	450	485	500	550	585	600	650	700	750	800	850	900	950		1,000	1,100
<b>Pull out cabinet runners</b>																					
	Full extension	75		✓		✓		✓	✓		✓	✓	✓	✓						▶ MB 9.200	
		120		✓		✓		✓	✓		✓	✓	✓	✓							▶ MB 9.201
		120				✓		✓		✓				✓							▶ MB 9.203
		200		✓		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	▶ MB 9.202
<b>Sliding cabinet runners</b>																					
	Sliding cabinet runners	220	✓																	▶ MB 9.204	
<b>Pull out wall display</b>																					
	Full extension	50						✓	✓			✓			✓	✓				▶ MB 9.205	



Pull out cabinet runners



Sliding cabinet runners



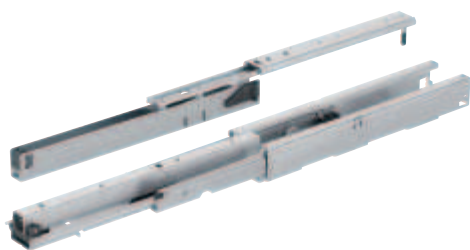
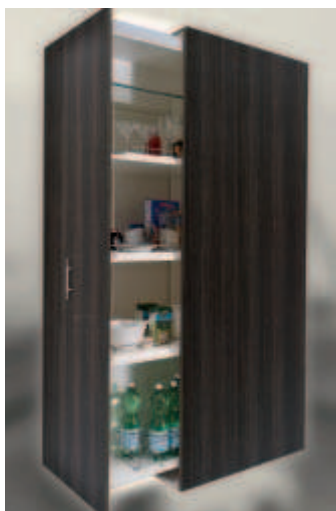
Pull out wall display

**Note**

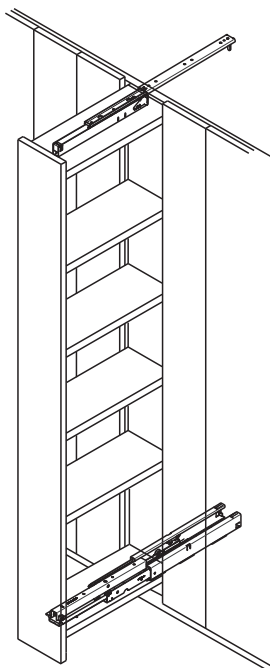
With roller guided pull out cabinet runners, the load bearing capacity values apply to extension length of 600 mm. With longer extension lengths the load bearing capacity is reduced by approx. 20 %.

### Pull out cabinet runners, full extension

Load bearing capacity up to 75 kg,  
with integrated soft and self closing mechanism



Top and bottom runners

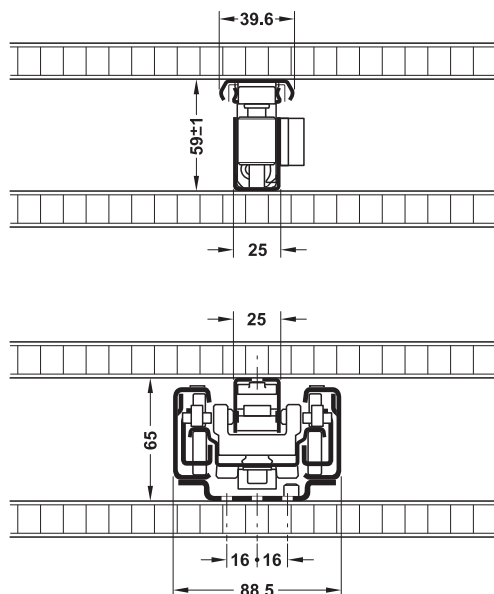


- > Version: With guidance at top for absolute side stability, extremely quiet, with integrated progressive drive
- > Bearing: Top runner: Roller/ball bearings, bottom runner: Friction bearing mounted plastic rollers
- > Material: Runners: Steel, stops: Plastic
- > Finish/colour: Runners: Powder coated, white
- > Dim.: Recommended cabinet height max. 1.5 m, cabinet width max. 400 mm (with appropriately stable structure)
- > Installation: Quick and easy with slide-on system

#### Note

- > Do not lubricate the tracks of this runner
- > Secure cabinet with securing brackets to prevent toppling

#### Installation



#### Supplied with

- 1 ball bearing runner with rollers
- 1 top runner with end stop for side stability
- 1 bottom runner
- 1 set of installation instructions

Installation length L mm	Extension length AL mm	Cat. No.
400	385	421.51.741
450	435	421.51.746
500	485	421.51.751
550	535	421.51.756
600	585	421.51.761
650	635	421.51.766
700	685	421.51.771
750	735	421.51.776

Packing: 1 piece



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Pull Out Cabinet Runners

### Pull out cabinet runners, full extension

Load bearing capacity up to 120 kg,  
with soft and self closing mechanism (optional)



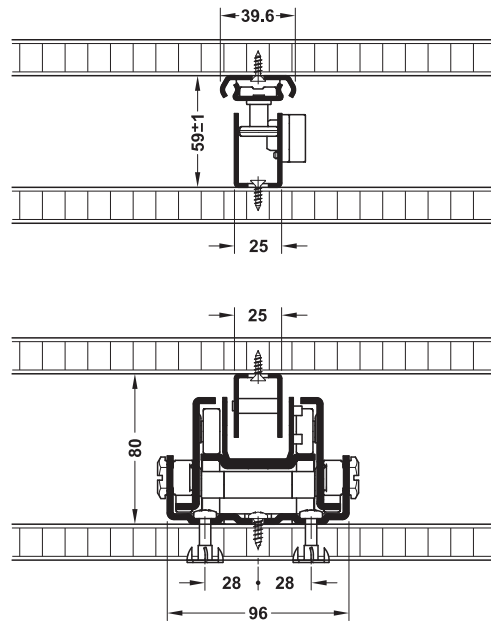
Top and bottom runners

- > Version: With guidance at top for absolute side stability, extremely quiet running, with integrated progressive drive
- > Guided by: Top runner: Roller/ball bearing, bottom runner: Friction bearing mounted plastic rollers
- > Material: Runners: Steel, stops: Plastic
- > Finish/colour: Runners: Powder coated, white
- > Dim.: Recommended cabinet height max. 2 m, cabinet width max. 500 mm (with appropriately stable structure)
- > Installation: Quick and easy with slide-on system

#### Note

- > Do not lubricate the tracks of this runner
- > Secure cabinet with securing brackets to prevent toppling
- > Installation width min. 110 mm when using the soft and self closing mechanism (without soft and self closing mechanism min. 108 mm)

#### Installation



#### Supplied with

- 1 ball bearing runner with rollers
- 1 top runner with end stop for side stabilisation
- 1 bottom runner
- 1 set of installation instructions

Installation length L mm	Extension length AL mm	Cat. No.
400	384	421.50.640
450	434	421.50.645
500	484	421.50.650
550	534	421.50.655
600	584	421.50.660
650	634	421.50.665
700	684	421.50.670
750	734	421.50.675

Packing: 1 piece

#### Order reference

Please order soft and self closing mechanism for soft closing action separately.

#### → Soft and self closing mechanism



#### Supplied with

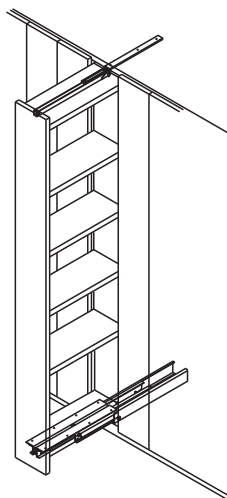
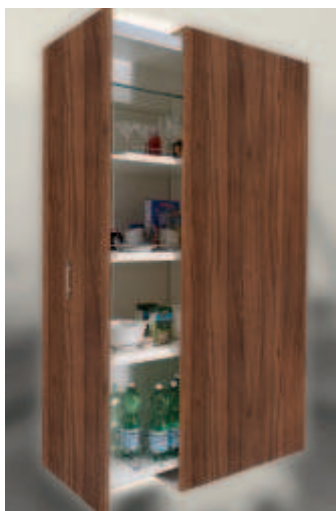
- 1 damper for top runner
- 1 damper/follower for bottom runner
- 1 set of installation instructions

	Cat. No.
Soft and self closing mechanism	421.50.003

Packing: 1 piece

### Pull out cabinet runners, full extension

Load bearing capacity up to 200 kg,  
with soft and self closing mechanism (optional)



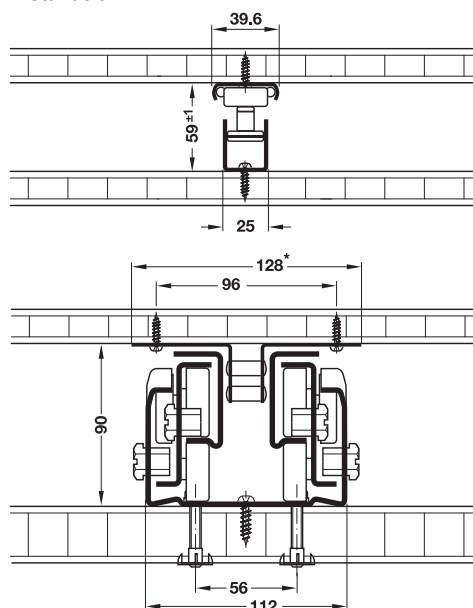
Top and bottom runners

- > Version: With guidance at top for absolute side stability, extremely quiet running even under heavy load, with integrated progressive drive, no lowering when extended
- > Adjustment facility: Max. height and side adjustment  $\pm 4$  mm
- > Material: Runners: Steel, stops: Plastic
- > Finish/colour: Runners: Powder coated white
- > Dim.: Max. 2.5 m cabinet height and max. 600 mm cabinet width (with appropriately stable structure)
- > Installation: For screw fixing to cabinet, quick and easy with slide-on system

#### Note

- > **Do not** lubricate the tracks of this runner
- > Secure cabinet with securing brackets to prevent toppling
- > Installation width min. 158 mm when using the soft and self closing mechanism (without soft and self closing mechanism min. 124 mm)

#### Installation



#### Supplied with

- 1 ball bearing runner with rollers
- 1 top runner with end stop for side stability
- 1 bottom runner
- 1 set of installation instructions

Installation length L mm	Extension length AL mm	Cat. No.
400	384	421.50.742
450	434	421.50.747
500	484	421.50.752
550	534	421.50.757
600	584	421.50.762
650	634	421.50.767
700	684	421.50.772
750	734	421.50.777
800	784	421.50.782
850	834	421.50.787
900	884	421.50.792
950	934	421.50.797
1000	984	421.50.802
1100	1084	421.50.812

Packing: 1 piece

#### Order reference

Please order soft and self closing mechanism for soft closing action separately.

#### → Soft and self closing mechanism



#### Supplied with

- 1 damper for top runner
- 1 damper/follower for bottom runner
- 1 set of installation instructions

	Cat. No.
Soft and self closing mechanism	421.50.002

Packing: 1 piece



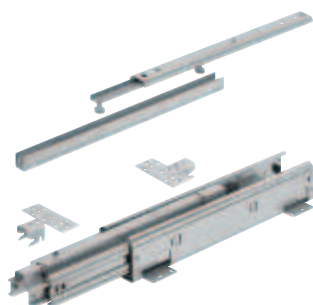
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Pull Out Cabinet Runners

DGH-M 2017, HDE-en,10/16; Dimensional data not binding. We reserve the right to alter specifications without notice.

### Pull out cabinet runners, full extension

Load bearing capacity up to 120 kg,  
 with integrated soft and self closing mechanism



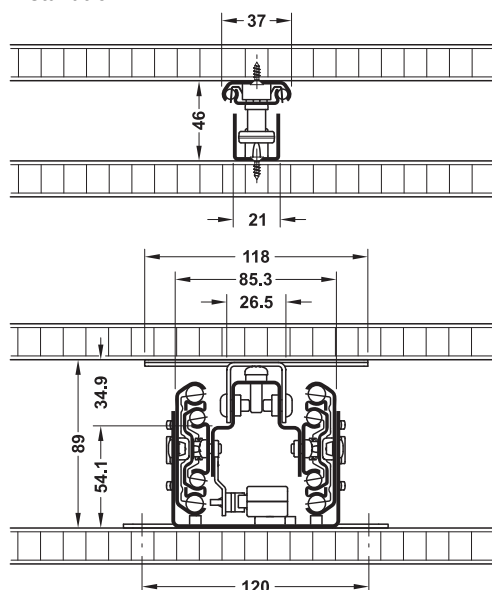
Ball cage runner, extremely smooth running

- > Version: With guidance at top for absolute side stability, with integrated soft closing mechanism
- > Bearing: Ball cage
- > Adjustment facility: Height adjustment with screw
- > Material: Steel
- > Finish: Zinc plated
- > Dim.: Max. 2.5 m cabinet height and max. 600 mm cabinet width (with appropriately stable structure)
- > Installation: For screw fixing to cabinet, for sliding on using bracket set

#### Note

- > Secure cabinet with securing brackets to prevent toppling
- > Installation width min. 135 mm

#### Installation



#### Supplied with

- 1 bottom unit
- 1 bracket set for sliding onto bottom unit
- 1 top guide with profiled track

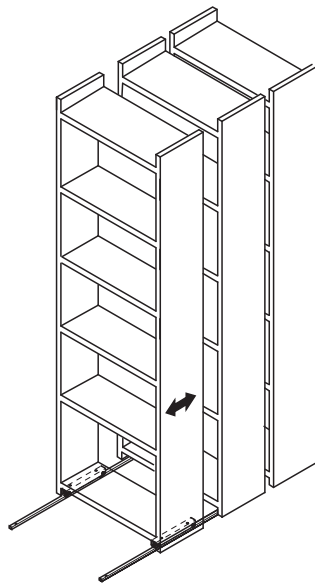
Installation length L mm	Extension length AL mm	Cat. No.
425	425	421.49.911
485	485	421.49.912
585	585	421.49.915
750	750	421.49.919

Packing: 1 set

DGH-M 2017, HIDE-en, 10/16; Dimensional data not binding. We reserve the right to alter specifications without notice.

### Sliding cabinet runner

Load bearing capacity up to 220 kg



### → Running gear



- > Load bearing capacity: Up to 440 kg/2 pieces
- > Material: Steel
- > Finish: Galvanized
- > Bearing: Running gear and track guide each with two Ø 32 mm ball bearing mounted steel rollers
- > Installation: For screw fixing to sliding cabinet

### → Running track



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Sliding Cabinet Runners

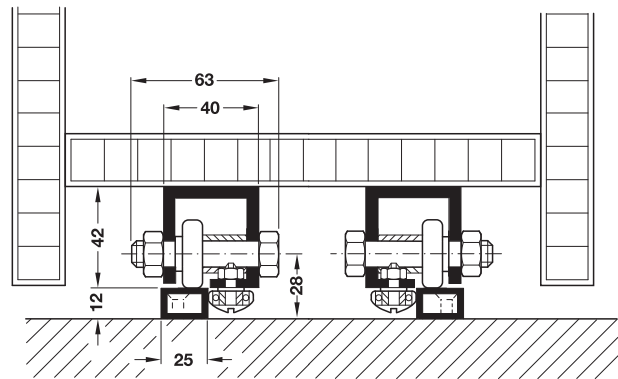


- > Area of application: Guiding the running gears of sliding cabinets
- > Version: Can be cut as required
- > Material: Steel
- > Finish: Galvanized
- > Installation: For screw fixing

Length mm	Cat. No.
3000	421.59.063

Packing: 1 piece

### Installation



### Note

For reliable side track guidance: Fix running gears in such way that the side track guides point towards the inside of the cabinet.

Length mm	Cat. No.
350	421.59.928

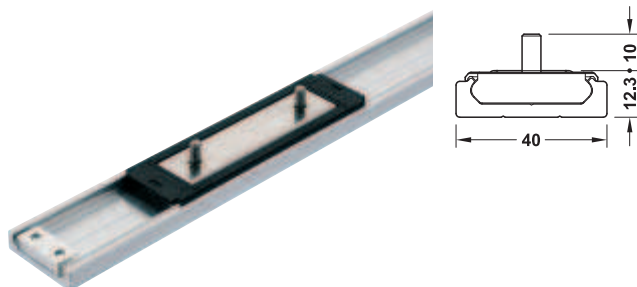
Packing: 1 or 2 pieces

### Order reference

Fixed lengths from 100 mm available on request. Please specify required length additionally to Cat. No..

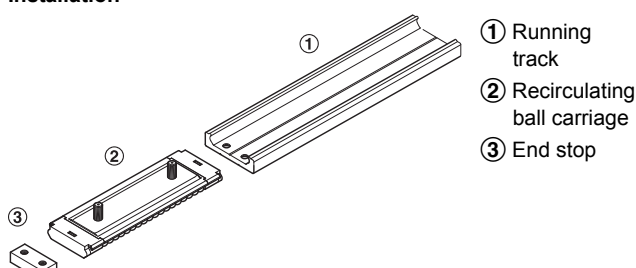
### Linear runner

Load bearing capacity up to 120 kg



- > Area of application: For sliding objects horizontally (cabinets, claddings, ...)
- > Installation: For screw fixing

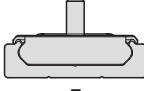

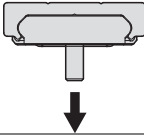
### Installation



Please note during installation of the linear runner that the recirculating ball carriage is already pre-mounted when mounting the running track. This must be taken into consideration during the design of the furniture item.

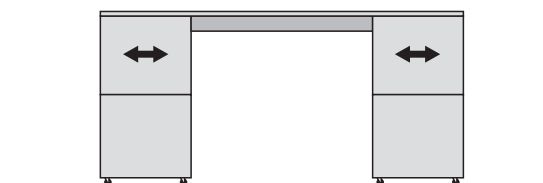
### Load bearing capacity

The table refers to weights that are evenly distributed over the recirculating ball carriages. It is not recommended for use with applications where high torques are applied to running track and recirculating ball carriages.

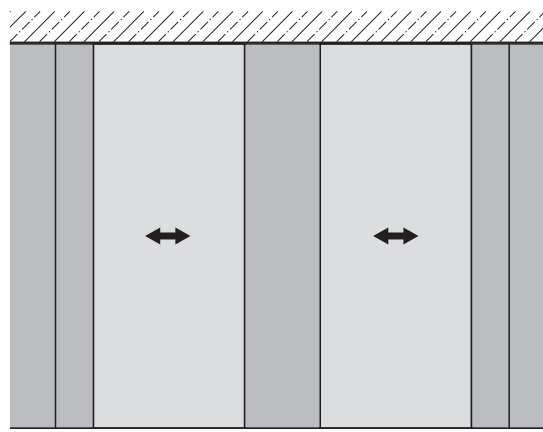
Installation type	Number of recirculating ball carriages	Recirculating ball carriage bearing	
		Stainless steel	Polymer
 Bottom mounting	1	30 kg	18 kg
	2	55 kg	32 kg
	3	70 kg	42 kg
 Wall/side panel mounting	1	50 kg	30 kg
	2	90 kg	54 kg
	3	120 kg	72 kg
 Top mounting	1	40 kg	24 kg
	2	70 kg	42 kg
	3	90 kg	54 kg

The specified values apply to performed test distance of 50,000 m.

### Application

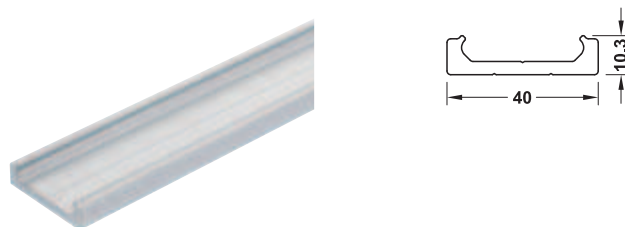


Sliding base units/table top



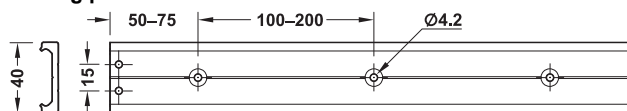
Display wall

### → Running track



- > Material: Aluminium
- > Version: Not drilled, can be cut or extended to required length, corrosion resistant, dust and dirt repelling

### Drilling pattern



Front side of track

Drill 4.2 mm holes on centre line and countersink to suit screw head. Mount track on solid and level surface. The surface must be suitable for respective load bearing capacity.

Length mm	Cat. No.
1200	421.59.100
2400	421.59.101

Packing: 1 or 5 pieces

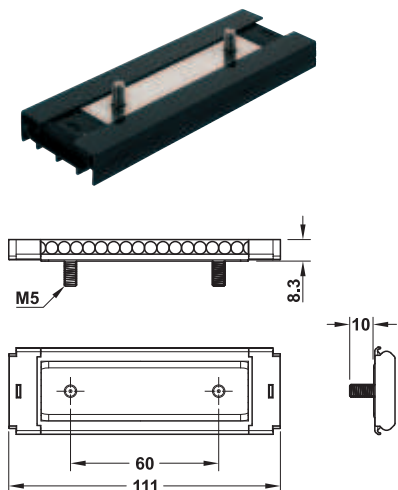
### Order reference

Fixing screws not supplied. Please select and order in accordance with the usage area.



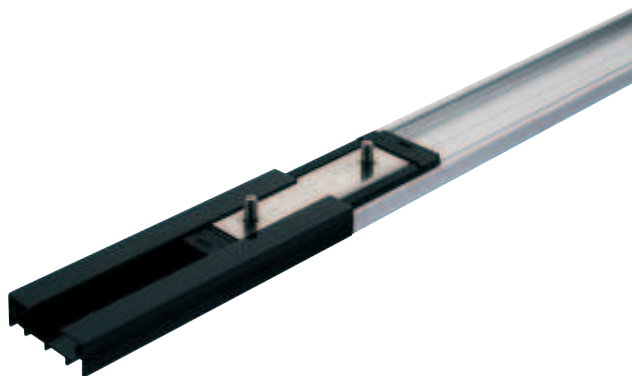


### → Recirculating ball carriage



- > Bearing: With stainless steel balls or polymer balls (grease-free – smooth running)
- > Thread: M5

#### Installation

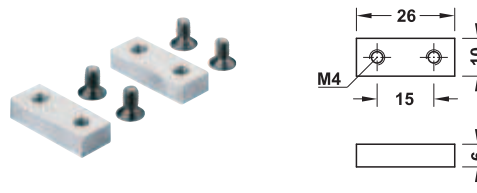


The balls are inserted loosely into the recirculating ball carriage, therefore it is supplied packed in a plastic envelope. In order to avoid losing balls during the installation of the recirculating ball carriage, the plastic envelope must be pressed against the aluminium track and the recirculating ball carriage must be slid carefully into the aluminium track. Finally install end stops.

Bearing	Cat. No.
With stainless steel balls	421.59.801
With polymer balls	421.59.805

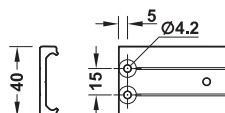
Packing: 1 or 10 pieces

### → End stop



> Material: Aluminium

#### Installation



Drill 4.2 mm holes on both track lines and countersink to suit screw head.

Rear side of track

#### Supplied with

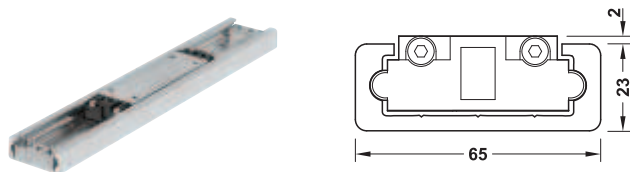
- 1 End stop
- 2 Countersunk head screws M4

	Cat. No.
End stop	421.59.500

Packing: 1 or 20 pieces

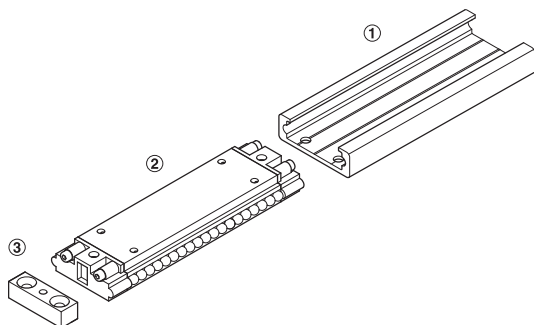
### 0116 Linear runner

Load bearing capacity up to 360 kg



- > Area of application: For horizontal sliding of objects (cabinets, panelling,...)
- > Installation: For screw fixing

#### Installation

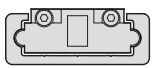
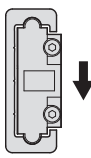



- Running track
- Recirculating ball carriage
- End stop

#### Load bearing capacity

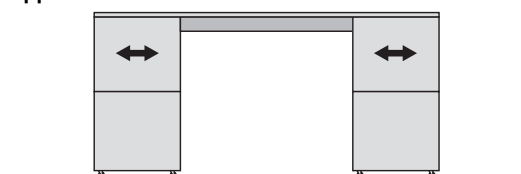
The table refers to weights that are evenly distributed over the recirculating ball carriages.

It is not recommended for use with applications where high torques are applied to running track and recirculating ball carriages.

Installation type	Number of recirculating ball carriages	Recirculating ball carriage bearing	
		Stainless steel	Plastic
Bottom mounting 	1	90 kg	60 kg
	2	164 kg	109 kg
	3	211 kg	140 kg
Wall/side panel mounting 	1	150 kg	100 kg
	2	290 kg	180 kg
	3	360 kg	240 kg
Top mounting 	1	120 kg	80 kg
	2	211 kg	141 kg
	3	270 kg	180 kg

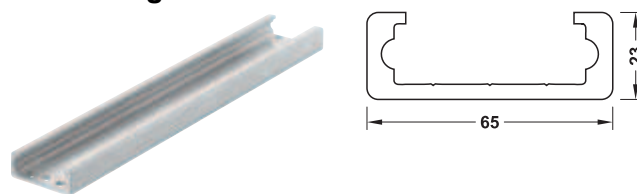
The specified values apply to performed test distance of 80,000 m.

#### Application



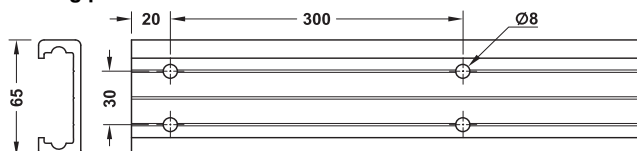
Sliding base units/table top

#### → Running track



- > Material: Aluminium
- > Version: Not drilled, can be cut or extended to required length, corrosion resistant, dust and dirt repelling

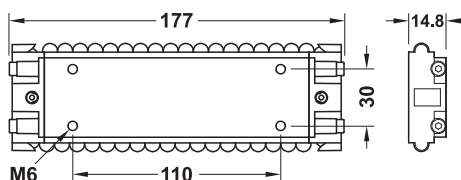
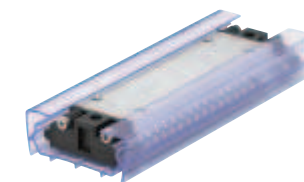
#### Drilling pattern



Length mm	Cat. No.
2400	421.59.111
3600	421.59.112

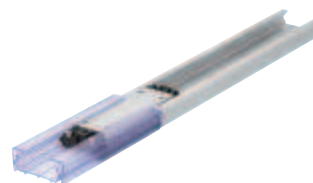
Packing: 1 piece

#### → Recirculating ball carriage



- > Bearing: With stainless steel balls or plastic balls (grease-free – smooth running action)
- > Thread: M6

#### Installation

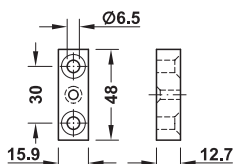
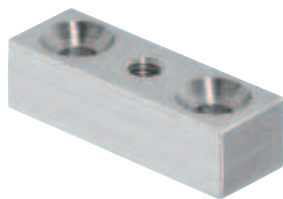


The balls are inserted loosely into the recirculating ball carriage, therefore it is supplied packed in a plastic envelope. In order to avoid losing balls during the installation of the recirculating ball carriage, the plastic envelope must be pressed against the aluminium track and the recirculating ball carriage must be slid carefully into the aluminium track. Finally install end stops.

Bearing	Cat. No.
With stainless steel balls	421.59.811
With plastic balls	421.59.812

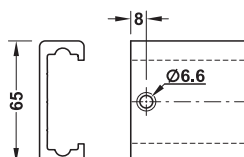
Packing: 1 piece

### → End stop



> Material: Aluminium

#### Installation



For fixing the supplied M6 countersunk head screw:  
Drill 6.6 mm holes in the centre of the running track and countersink at rear to suit screw head.

#### Track rear side

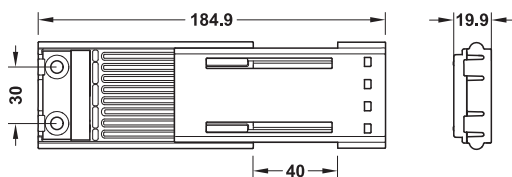
#### Supplied with

2 End stop  
2 M6 countersunk head screws

	Cat. No.
End stop	421.59.501

Packing: 1 set

### → Soft closing mechanism



> Material: Plastic  
> Colour: Black

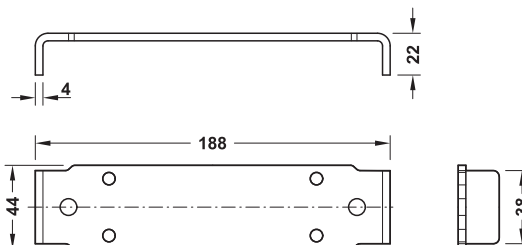
	Cat. No.
Soft closing mechanism	421.59.525

Packing: 1 piece

#### Order reference

Please order M6 countersunk head screws separately.

### → Return bracket



> Area of application: For resetting the soft closing mechanism  
> Material: Steel  
> Thread: M6  
> Installation: For screw fixing onto recirculating ball carriage

#### Note

The recirculating ball carriage should be lubricated with lubricating grease in accordance with NLGI 2. In order to do this, a suitable amount of lubricating grease is applied through the holes in the gear/return bracket using a conical lubrication nozzle.

	Cat. No.
Return bracket	421.59.526

Packing: 1 piece

#### Order reference

Please order M6 countersunk head screws separately.  
One return bracket must be ordered for each recirculating ball carriage when using the soft closing mechanism.

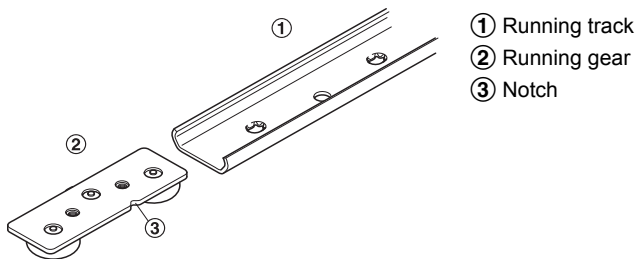
### Linear runner 29/37 mm

Load bearing capacity up to 120 kg



- > Area of application: For sliding objects horizontally (cabinets, claddings, ...)
- > Installation: For screw fixing

#### Installation



The running gears can be inserted into the running track on site. Notch ③ must point downwards with horizontal installation.

#### Load bearing capacity

The table refers to weights that are evenly distributed over the running gears. It is not recommended for use with applications where high torques are applied to running track and running gears.

#### Linear runners 29 mm

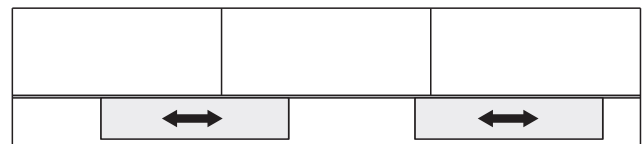
Installation type	Running gear 3 rollers	5 rollers
Bottom mounting 	15 kg	35 kg
Wall/side panel mounting 	42.5 kg	65 kg

#### Linear runners 37 mm

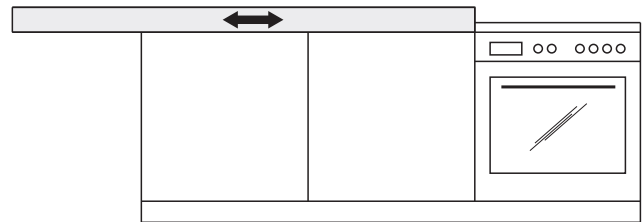
Installation type	Running gear 3 rollers	5 rollers
Bottom mounting 	20 kg	40 kg
Wall/side panel mounting 	80 kg	115 kg

The specified values apply to performed test distance of 100,000 m.

#### Application

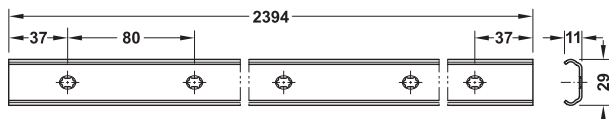


Wall unit



Moveable worktop

### → Running track for linear runner 29 mm



> Version: Pre-drilled (pitch length 80 mm) running track, can be cut or extended to required length, corrosion resistant, dust and dirt repelling

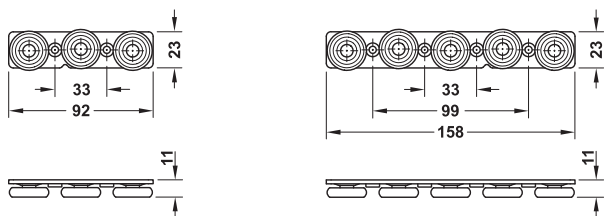
Length mm	Material	Finish	Cat. No.
2394	Steel	Zinc plated	421.85.111
3994	Stainless steel	–	421.85.105

Packing: 1 piece

#### Order reference

Fixing screws not supplied.  
 Please select and order in accordance with the usage area.  
 Special lengths and functions available on request.

### → Running gear for linear runner 29 mm



3 rollers

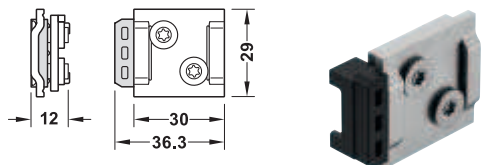
5 rollers

> Bearing: With ball bearings, 3 or 5 rollers  
 > Thread: M5

Bearing	Cat. No.
3 rollers	421.85.801
5 rollers	421.85.802

Packing: 1 piece

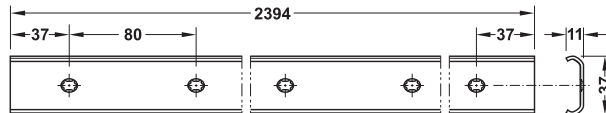
### → FlexFit Rubberstop 29 mm



Dim. (L x W x H)	Cat. No.
29 x 12 x 30 mm	421.59.505

Packing: 1 or 50 pieces

### → Running track for linear runner 37 mm



> Version: Pre-drilled (pitch length 80 mm) running track, can be cut or extended to required length, corrosion resistant, dust and dirt repelling

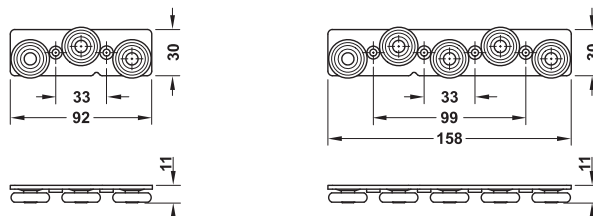
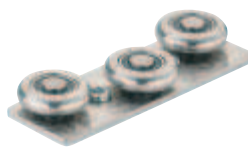
Length mm	Material	Finish	Cat. No.
2394	Steel	Zinc plated	421.85.110
3994	Stainless steel	–	421.85.125

Packing: 1 piece

#### Order reference

Fixing screws not supplied.  
 Please select and order in accordance with the usage area.  
 Special lengths and functions available on request.

### → Running gear for linear runner 37 mm



3 rollers

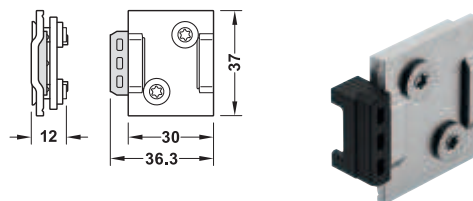
5 rollers

> Bearing: With ball bearings, 3 or 5 rollers  
 > Thread: M5

Bearing	Cat. No.
3 rollers	421.85.803
5 rollers	421.85.805

Packing: 1 piece

### → FlexFit Rubberstop 37 mm



Dim. (L x W x H)	Cat. No.
37 x 12 x 30 mm	421.59.504

Packing: 1 or 50 pieces

