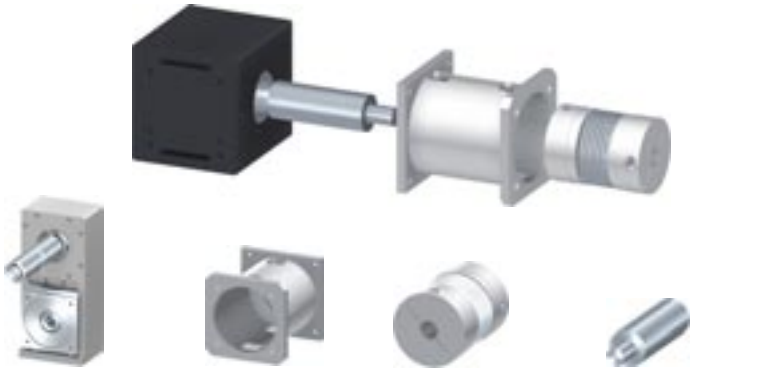
40 / 40 | 40 / 40 heavy duty | 40 / 80 | 80 / 80 | 80 / 100 | 80 / 120 | 80 / 160 | 120 / 120 - 50 | 120 / 120 - 75

**Pulley Assemblies**

AT 10 / 22 | AT 10 / 50 | 50, closed

**Omega Drives**



Timing Belt Gearbox | Coupling Housing | Coupling BK 2 / 80 | Step Shaft Ø 40 to Ø 20

**Motor Connection Components**

AT 3 / 10 | AT 5 / 16 | AT 10 / 22 | AT 10 / 50 | AT 10 / 75

**Timing Belts**

Ø 16 (VA) | Ø 25 (VA)

**Guidance Rails**

Special Fastener 120

16 Ø 42 (rust-free) | Roller Axle 16 (concentric, excentric)

**Rollers, Roller Axles 16**

AT 10 / 22 | AT 10 / 50 | 25 / 280 AT 10 / 50 | 25 / 360 AT 10 / 50 | 25 / 320 AT 10 / 75

**Timing Belt Tensioners**

25 Ø 72 | Roller Axle 25 (concentric, excentric)

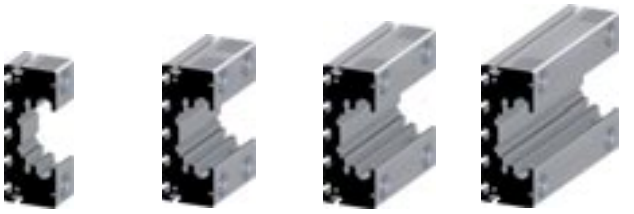
**Rollers, Roller Axles 25**

22 | 50 | TSA | 22 ZB | 50 ZB

**Timing Belt Tensioners, external**

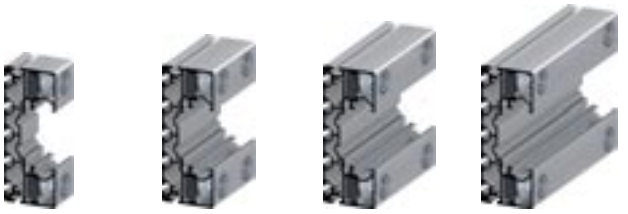
16 / 160 / 60 / 2 / S | 16 / 160 / 140 / 4 / S | 16 / 160 / 200 / 4 / S

**Carriages 16 / 160 with service pockets**



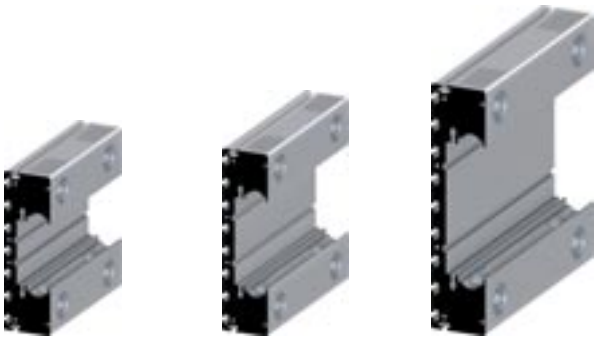
16 / 200 / 60 / 2 / S | 16 / 200 / 140 / 4 / S | 16 / 200 / 200 / 4 / S | 16 / 200 / 280 / 4 / S

**Carriages 16 / 200 with service pockets**



16 / 200 / 60 / 4 sl | 16 / 200 / 140 / 4 sl | 16 / 200 / 200 / 4 sl | 16 / 200 / 280 / 4 sl

**Carriages 16 / 200 superlight**



25 / 280 / 280 / 4 / S | 25 / 320 / 320 / 4 / S | 25 / 360 / 360 / 4 / S

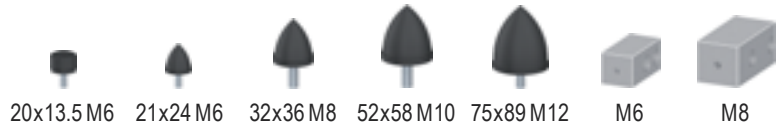
**Carriages 25**

160 | 200 | 200 E | 16 S | 280 | 320 | 360

**Wiper And Lubrication Systems**

End Of Stroke Set 8

Limit Switch Cam (100, 120)

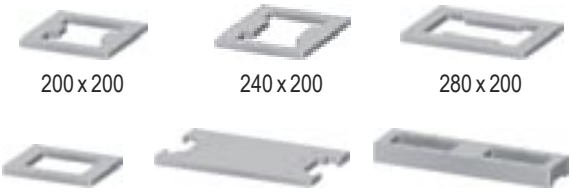


20x13.5 M6 | 21x24 M6 | 32x36 M8 | 52x58 M10 | 75x89 M12 | M6 | M8

**End Stops**

40 x 40 | 40 x 80 / 40 | 40 x 80 / 80 | 80 x 80 | 80 x 120

**Guidance Rail Stop Plates 16**



200 x 200 | 240 x 200 | 280 x 200

200 x 160 | 356 x 200 | 400 x 100 TSA

**Carriage Joining Plates**

40 / 80 | 80 / 80 | 80 / 120 | 80 / 160 | 80 / 200 | C 80 / 120

**Fastener Attachment Plates**

40 x 80 | 80 x 80 | U 80 / 90 | 80 x 120

**Adapter Plates for Pulley Assembly 40 / 40**

40 x 80 | 40 x 80

**Clamp Elements**

40 x 80 | 80 x 80

**Linear Flange Plates**

Ø 10 | Ø 12 | Ø 20

**Guidance Rails**


C 40 / 57


C 40 / 100


C 80 / 100

**C-Pulley Assemblies**


140 / 8 280 / 8

**Double Carriages C 30 / 43**


140 / 8 280 / 8

**Double Carriages C 40 / 57**


140 / 3 280 / 4

**Single Carriages C 40 / 100**


140 / 3 280 / 4

**Single Carriages C 80 / 100**


140 / 6 280 / 8

**Double Carriages C 80 / 100**


Omega Drive C-Type AT 5 / 16

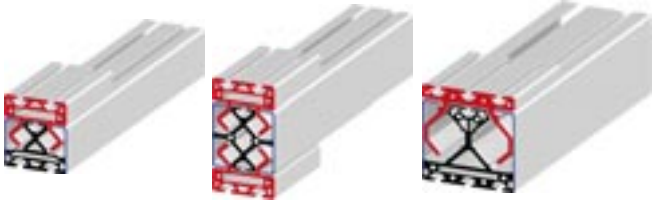

C 30 / 43 C 40 / 57 C 40 / 100 C 80 / 100 (straight)

**C-Rollers**


Roller Axles


C 40 / 57 C 40 / 100 C 80 / 100

**C-Timing Belt Tensioners**




Carriage 120, steel rollers


Steel Strap


Carriage 120, plastic rollers


Pulley Assembly 80 / 90


Carriage 80 / 90


Timing Belt Tensioner 80 / 90


Roller 100 / 120 steel


Timing Belt Tensioner 120 45°


Roller 100 / 120


Roller Axle (concentric, excentric)


Roller F 80 / 90 (VU)

**Linear Actuator 80 / 90 Components**


Roller Axle 100/120 steel (concentric, excentric)


Roller Axle 100/120 (concentric, excentric)

**Linear Actuator 120 / 120 Components**

| Pulley Assembly | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0700S | Pulley Assembly 40 / 40 | 0.95 kg |

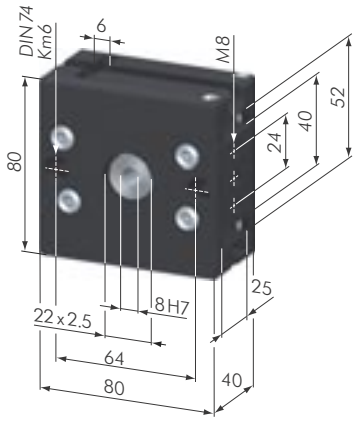
40

**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

**Material:** casing: aluminum, black anodized
covers: aluminum, black anodized

**Technical Data:**
- timing belt AT 10 / 22: maximum loading MD = 20 Nm
- timing belt pulley: steel, tooth pitch AT 10
  № of teeth 15
- pitch circle diameter: 47.75 mm
- bearing type: 61805-2RS
- max. bore for motor with keyway: Ø 14 H7
- drive shaft connection: Ø 8 H7, max. Ø 15 H7
- timing belt length 180°: 155.0 mm
- timing belt length 90°: 117.5 mm

Connected to profile via one central fastener 40 G (SV1071V) or
one adapter plate. Motor connection via flange plates to customer request.




**SL0700S**

| Pulley Assembly | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0720S | Pulley Assembly 40 / 40 heavy duty | |

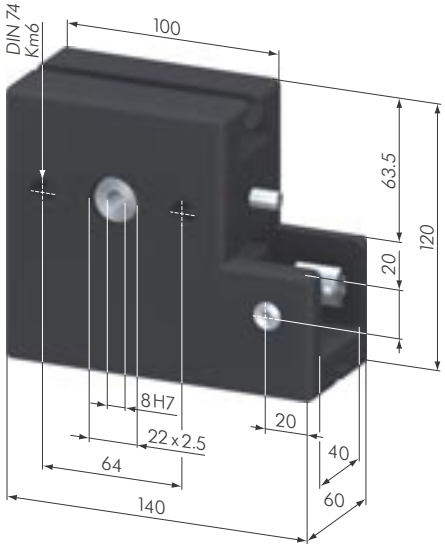
40

**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

**Material:** casing: steel, black
cover: aluminum, black anodized

**Technical Data:**
- timing belt AT 10 / 22: maximum loading MD = 20 Nm
- timing belt pulley: steel, tooth pitch AT 10
  № of teeth 15
- pitch circle diameter: 47.75 mm
- bearing type: 61805-2RS
- max. bore for motor with keyway: Ø 14 H7
- drive shaft connection: Ø 8 H7, max. Ø 15 H7
- timing belt length 180°: 175.0 mm

Connected to profile via two t-nuts and doweling.
Motor connection via flange plates per customer request.




**SL0720S**

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## Pulley Assembly

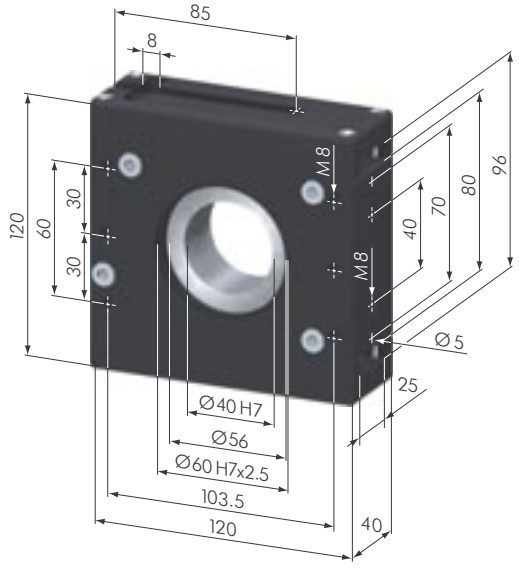
| Part № | Description | Weight |
|---|---|---|
| SL0690S | Pulley Assembly 40 / 80 | 1.94 kg |

**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

**Material:** casing: steel, black
cover: aluminum, black anodized

**Technical Data:**
- timing belt AT 10 / 22: maximum loading MD = 70 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of teeth 28
- pitch circle diameter: 89.13 mm
- max. bore diameter: Ø 40 H7 (standard)
- bearing type: 61811-2RS
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7
- timing belt length 180°: 260.0 mm
- timing belt length 90°: 190.0 mm

Connected to profile via two central fasteners 40 G (SV1071V).
Motor connection via flange plates per customer request.




**SL0690S**

40

## Pulley Assembly

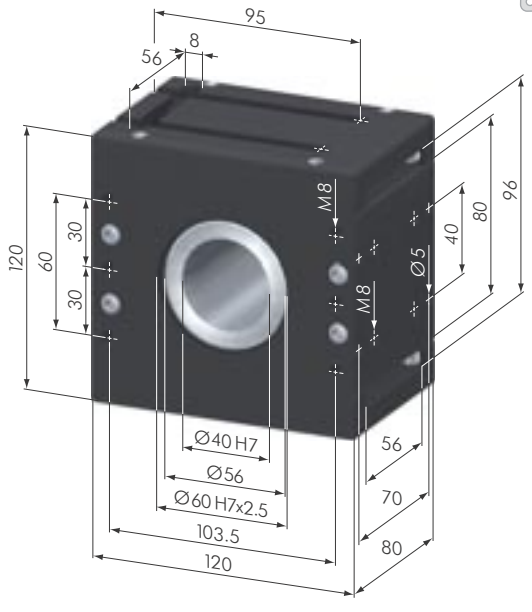
| Part № | Description | Weight |
|---|---|---|
| SL0680S | Pulley Assembly 80 / 80 | 2.27 kg |

**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

**Material:** casing und cover: aluminum, black anodized

**Technical Data:**
- timing belt AT 10 / 50: maximum loading MD = 100 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of teeth 28
- pitch circle diameter: 89.13 mm
- max. bore diameter: Ø 40 H7 (Standard)
- bearing type: 61811-2RS
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7
- timing belt length 180°: 260.0 mm
- timing belt length 90°: 190.0 mm

Connected to profile via four central fasteners 40 G (SV1071V).
Motor connection via flange plates per customer request.




**SL0680S**

| Pulley Assembly | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0682S | Pulley Assembly 80 / 100 | 2.73 kg |

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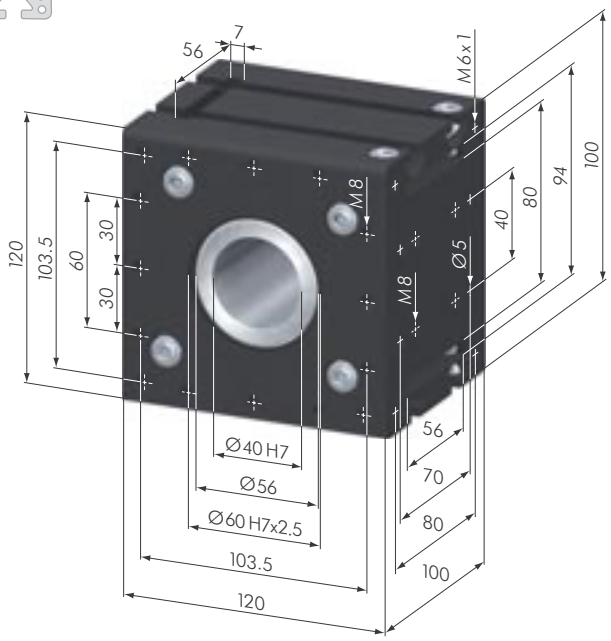
**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators. This guide has larger bearings to absorb greater lateral forces.

**Material:** casing: aluminum, black anodized

**Technical Data:**

- timing belt AT 10 / 50: maximum loading MD = 120 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of teeth 28
- pitch circle diameter: 89.13 mm
- max. bore diameter: Ø 40 H7 (standard)
- bearing type: 6011-2Z
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7
- timing belt length 180°: 260.0 mm
- timing belt length 90°: 190.0 mm

Connected to profile via four central fasteners 40 G (SV1071V).
Motor connection via flange plates per customer request.




SL0682S

| Pulley Assembly | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0684S | Pulley Assembly 80 / 120 | 3.35 kg |

40

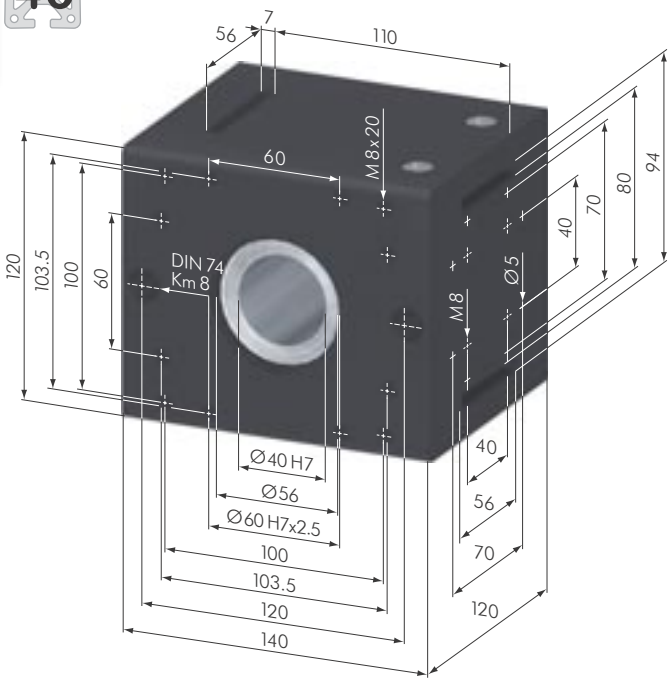
**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators. This guide has larger bearings to absorb greater lateral forces.

**Material:** casing: aluminum, black anodized

**Technical Data:**

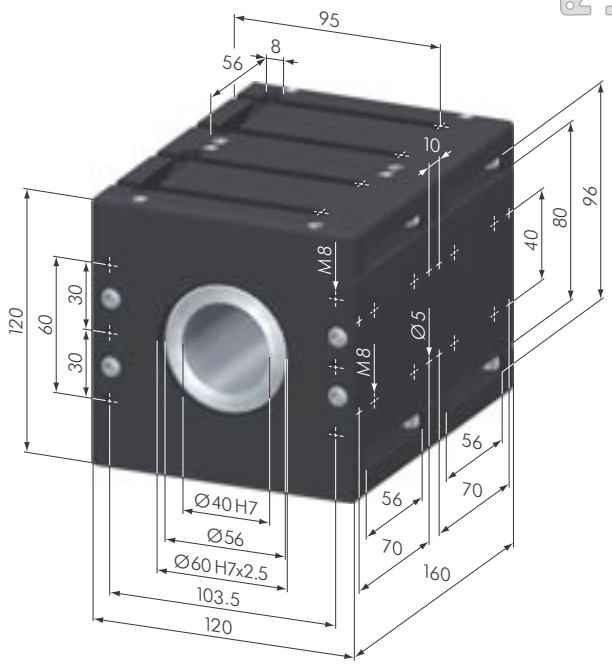
- timing belt AT 10 / 50: maximum loading MD = 140 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of teeth 28
- pitch circle diameter: 89.13 mm
- max. bore diameter: Ø 40 H7 (Standard)
- bearing type: 62211-2RS
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7
- timing belt length 180°: 280.0 mm
- timing belt length 90°: 200.0 mm

Connected to profile via four central fasteners 40 G (SV1071V).
Motor connection via flange plates per customer request.




SL0684S

40




SL0686S

| Pulley Assembly | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0686S | Pulley Assembly 80 / 160 | 4.54 kg |

**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

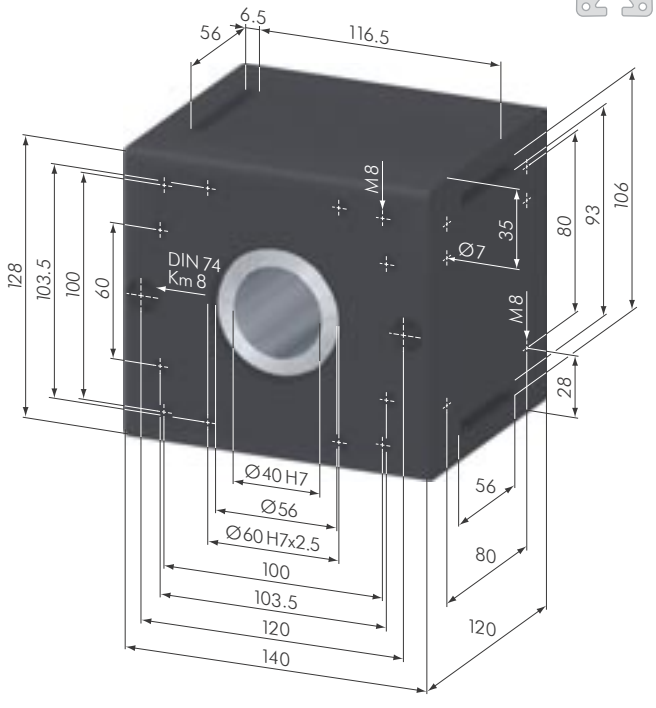
**Material:** casing: aluminum, black anodized

**Technical Data:**

- 2x timing belt AT 10 / 50 side by side: maximum loading MD = 200 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of teeth 28
- pitch circle diameter: 89.13 mm
- max. bore diameter: Ø 40 H7 (Standard)
- bearing type: 61811-2RS
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7
- timing belt length 180°: 260.0 mm
- timing belt length 90°: 190.0 mm

Connected to profile via eight central fasteners 40 G (SV1071V).
Motor connection via flange plates per customer request.

40




SL0710S

| Pulley Assembly | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0710S | Pulley Assembly 120 / 120 - 50 | |

**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

**Material:** casing: aluminum, black anodized

**Technical Data:**

- timing belt AT 10 / 50: maximum loading MD = 120 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of teeth 32
- pitch circle diameter: 101.86 mm
- max. bore diameter: Ø 40 H7 (Standard)
- bearing type: 62211-2RS
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7
- timing belt length 180°: 300.0 mm
- timing belt length 90°: 214.0 mm

Connected to profile via four central fasteners 40 G (SV1071V).
Motor connection via flange plates per customer request.

40

| Pulley Assembly | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0688S | Pulley Assembly 120 / 120 - 75 | 3.82 kg |

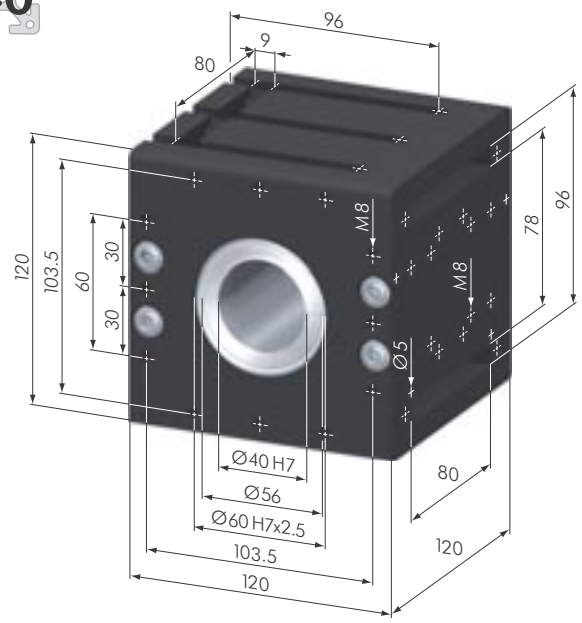
**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

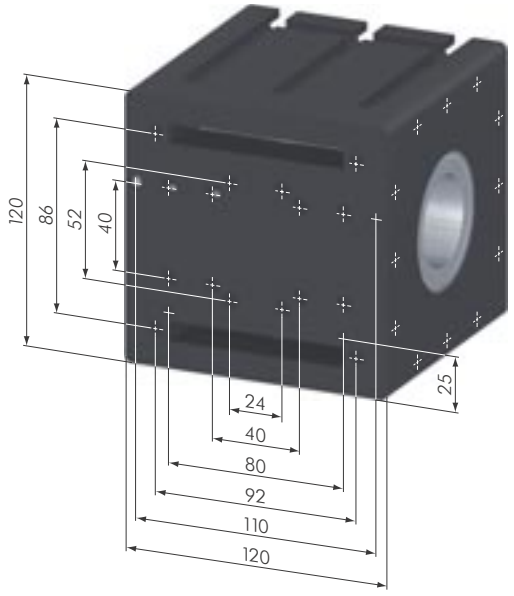
**Material:** casing: aluminum, black anodized

**Technical Data:**

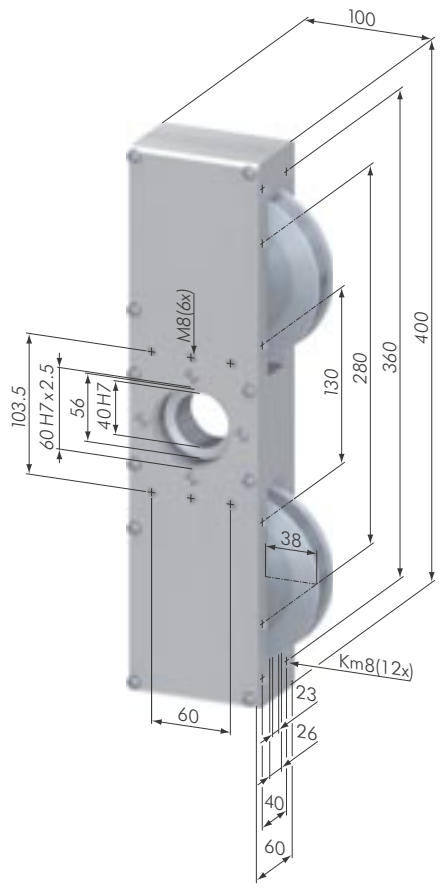
- timing belt AT 10 / 75: maximum loading MD = 120 Nm
- timing belt pulley: aluminum, № of teeth AT 10
  № of teeth 28
- pitch circle diameter: 89.13 mm
- max. bore diameter: Ø 40 H7 (Standard)
- bearing type: 6011-2Z
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7
- timing belt length 180°: 260.0 mm
- timing belt length 90°: 190.0 mm

Connected to profile via four central fasteners 40 G (SV1071V).
Motor connection via flange plates per customer request.




**SL0688S**




SL0600N

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| Omega Drive | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0600N | Omega Drive AT 10 / 22 | 5.94 kg |

**Application:** This pulley assembly is used in conjunction with Paletti linear guidance components.

**Material:** casing: aluminum, natural anodized

**Technical Data:**

- timing belt AT 10 / 22: maximum loading MD = 70 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of Teeth 28
- pitch circle diameter: 89.13 mm
- max. bore diameter: Ø 40 H7 (Standard)
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7


SL0602N

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| Omega Drive | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0602N | Omega Drive 22, Carriage | 15.5 kg |

**Application:** This pulley assembly is used in conjunction with *Paletti* linear guidance components.
Mated with carriage 16 / 160 / 400 / 4.

**Material:** casing: aluminum, natural anodized

| Omega Drive | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0610N | Omega Drive AT 10 / 50 | 9.5 kg |

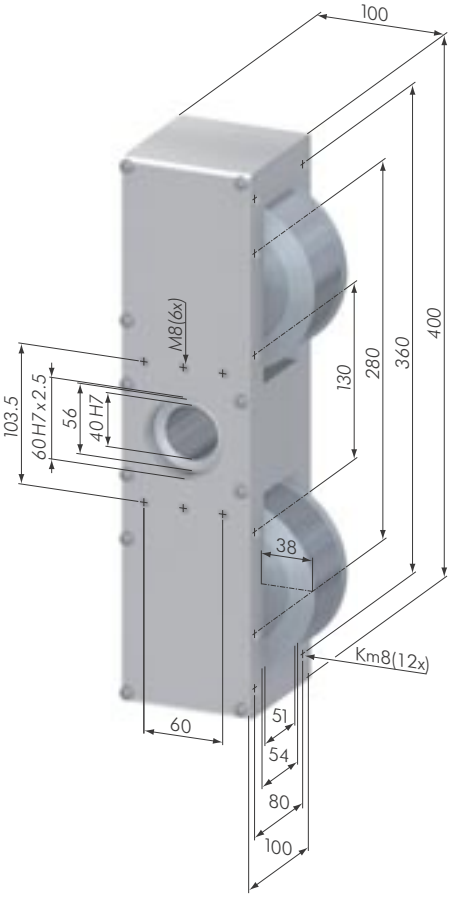
40

**Application:** This pulley assembly is used in conjunction with *Paletti* linear guidance components.

**Material:** casing: aluminum, natural anodized

**Technical Data:**

- timing belt AT 10 / 50: maximum loading MD = 100 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of Teeth 28
- pitch circle diameter: 89.13 mm
- max. bore diameter: Ø 40 H7 (Standard)
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7




SL0610N

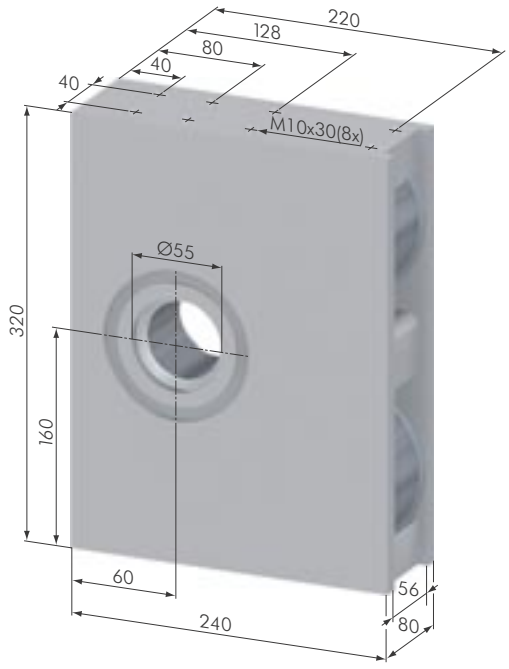
| Omega Drive | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0612N | Omega Drive 50, Carriage | 19.0 kg |

40

**Application:** This pulley assembly is used in conjunction with *Paletti* linear guidance components.
Mated with carriage 16 / 200 / 400 / 4.

**Material:** casing: aluminum, natural anodized


SL0612N




SL0630N

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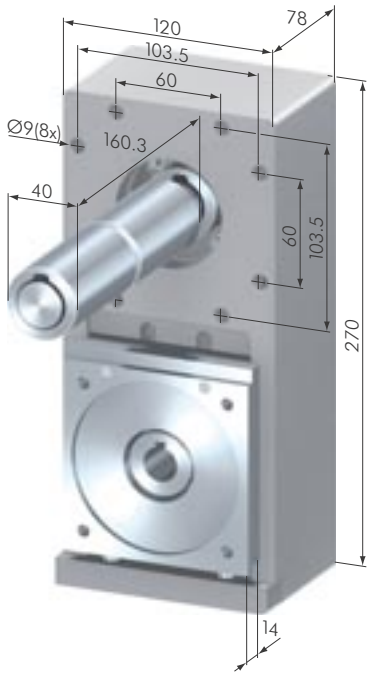
| Omega Drive | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0630N | Omega Drive 50, closed | 9.5 kg |

**Application:** Pulley assembly used in conjunction with *Paletti* linear guidance components.

**Material:** casing: aluminum, natural anodized

**Technical Data:**

- timing belt AT 10 / 50: maximum loading MD = 100 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of Teeth 28
- pitch circle diameter: 89.13 mm
- max. bore diameter: Ø 40 H7 (Standard)
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 30 H7
- max. bore for motor with taper lock coupling: Ø 34 H7




SL5828N

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| Timing Belt Gearbox | | |
|---|---|---|
| **Part №** | **Description** | |
| SL5828N | Timing Belt Gearbox AT 10 / 50 | |

**Application:** Attaches to the pulley assembly and allows for the linear actuator to be powered by a belt driven system, as opposed to a direct coupled motor connection.

**Material:** casing: aluminum, natural anodized

**Technical Data:** Ratio = 1 : 1
№ of teeth 28 to 28 AT 10 / 50

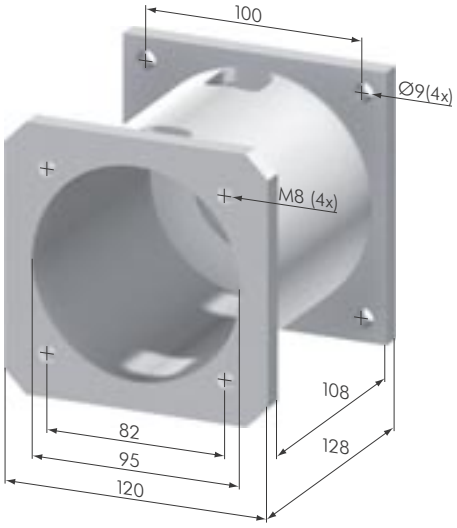
## Coupling Housing

40

| Part № | Description | Weight |
|---|---|---|
| SL8100N | Coupling Housing | 1.09 kg |

**Application:** The coupling housing provides the support between motor and linear actuator.

Other types are available on request.




**SL8100N**

## Coupling BK 2 / 80

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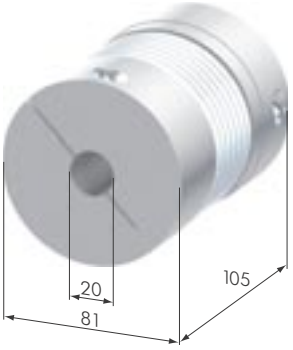
| Part № | Description | Weight |
|---|---|---|
| SL8200N | Coupling BK 2 / 80 | 1.02 kg |

**Application:** The coupling provides high torsional stiffness and smooths out misalignment between motor and linear actuator.

Other types are available on request.




**SL8200N**

## Step Shaft Ø 40 to Ø 20

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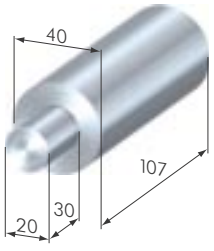
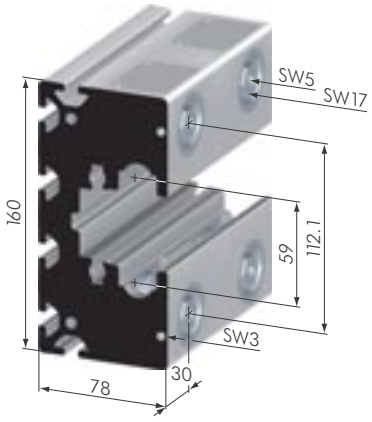
| Part № | Description | Weight |
|---|---|---|
| SL8250N | Step Shaft Ø 40 to Ø 20 | 1.12 kg |

**Application:** The step shaft couples the pulley assembly with a coupling.

Other types are available on request.




**SL8250N**

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| Carriage 16 / 160 | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0071N | Carriage 16 / 160 / 60 / 2 / S | 1.38 kg |
| SL0073N | Carriage 16 / 160 / 140 / 4 / S | 3.33 kg |
| SL0075N | Carriage 16 / 160 / 280 / 4 / S | 6.40 kg |

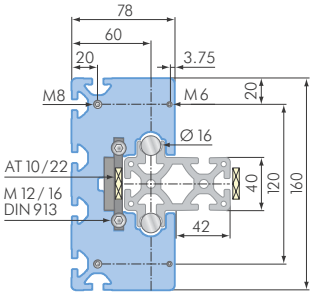
**Application:** For free running, high-load linear guidance systems. On request, the carriage is also available in different lengths and with varying numbers of rollers. Operate only with a wiper and lubrication system. Optional service pockets for easier maintenance.

**Material:** aluminum, natural anodized

**Technical Data:**

- loadings: dyn. 12500 N per roller in radial direction
  stat. 6900 N per roller in radial direction
- stat. 1300 N per roller in axial direction

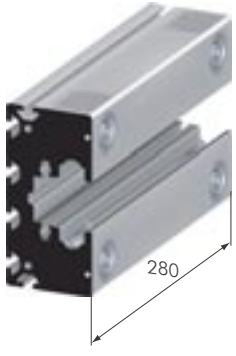
- operational speed: 8 $^{m}/_{s}$
- excentric adjustment: ± 0.9 mm
- minimum stroke length: 60 mm





SL0071N


SL0073N




SL0075N

| Carriage 16 / 200 | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0081N | Carriage 16 / 200 / 60 / 2 / S | 1.52 kg |
| SL0083N | Carriage 16 / 200 / 140 / 4 / S | 3.64 kg |
| SL0087N | Carriage 16 / 200 / 200 / 4 / S | 5.10 kg |
| SL0085N | Carriage 16 / 200 / 280 / 4 / S | 7.10 kg |

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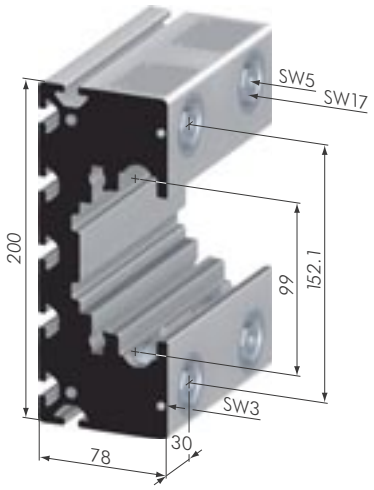


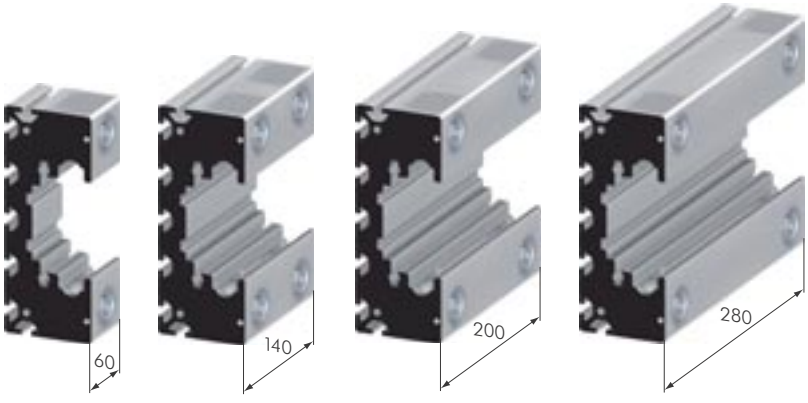

**Application:** For free running, high-load linear guidance systems. On request, the carriage is also available in different lengths and with varying numbers of rollers. Operate only with a wiper and lubrication system. Optional service pockets for easier maintenance.

**Material:** aluminum, natural anodized

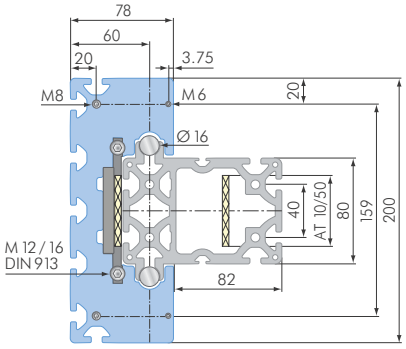
**Technical Data:**

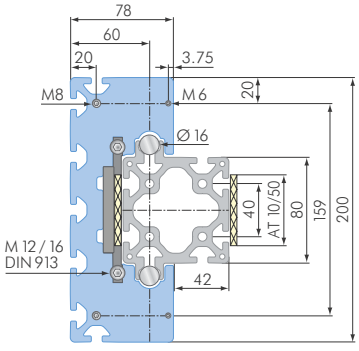
- loadings: dyn. 12500 N per roller in radial direction
  stat. 6900 N per roller in radial direction
- stat. 1300 N per roller in axial direction

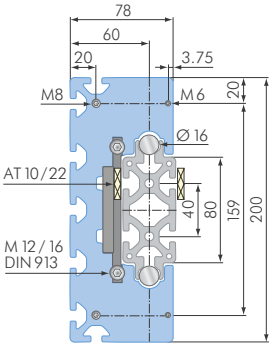
- operational speed: 8 $^{m}/_{s}$
- excentric adjustment: ± 0.9 mm
- minimum stroke length: 60 mm

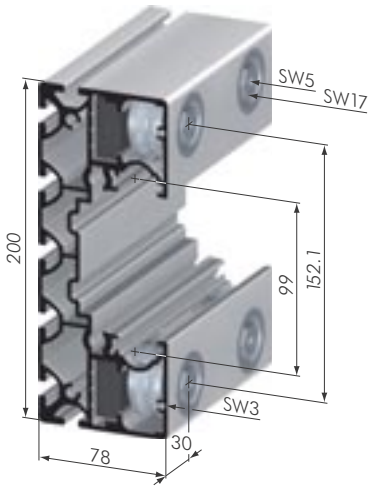



**SL0081N** **SL0083N** **SL0087N** **SL0085N**



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| Carriage 16 / 200 sl | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0090N | Carriage 16 / 200 / 60 / 2 sl | 0.51 kg |
| SL0092N | Carriage 16 / 200 / 140 / 2 sl | 1.21 kg |
| SL0094N | Carriage 16 / 200 / 200 / 4 sl | 1.75 kg |
| SL0096N | Carriage 16 / 200 / 280 / 4 sl | 2.49 kg |

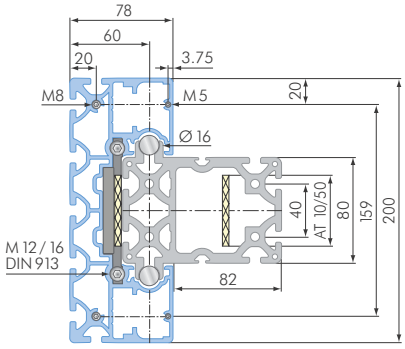
**Application:** For free running, high-load linear guidance systems. On request, the carriage is also available in different lengths and with varying numbers of rollers. Operate only with a wiper and lubrication system.

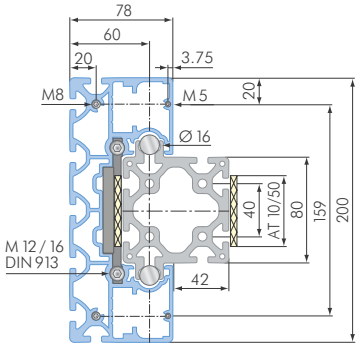
**Material:** aluminum, natural anodized

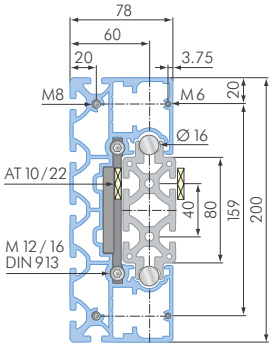
**Technical Data:**

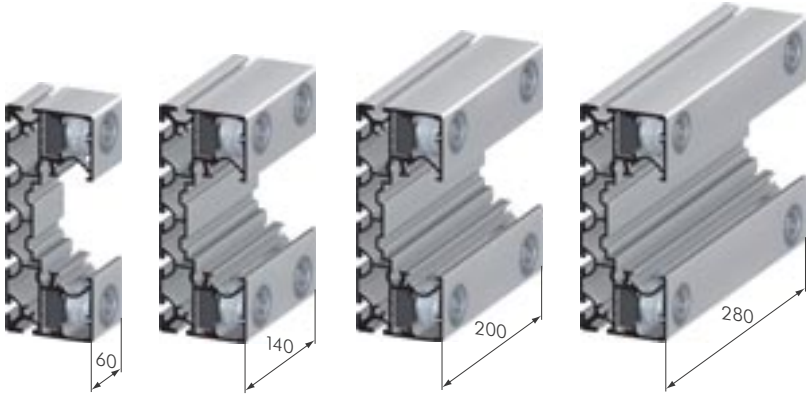
- loadings: dyn. 12500 N per roller in radial direction
  stat. 6900 N per roller in radial direction
- stat. 1300 N per roller in axial direction

- operational speed: 8 $^{m}/_{s}$
- excentric adjustment: ± 0.9 mm
- minimum stroke length: 60 mm




**SL0090N** **SL0092N** **SL0094N** **SL0096N**

**Special Features of Carriage 16 / 200 superlight:**

The rollers are fixed into position by a steel plate and reducer bushing, as shown in the illustration to the right. The bushing is held in position by two grub screws and the roller is then assembled with the bearing axle.

| Carriage 25 | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0050N | Carriage 25 / 280 / 280 / 2 / S | 19.0 kg |
| SL0051N | Carriage 25 / 320 / 320 / 2 / S | 21.0 kg |
| SL0053N | Carriage 25 / 360 / 360 / 4 / S | 23.0 kg |

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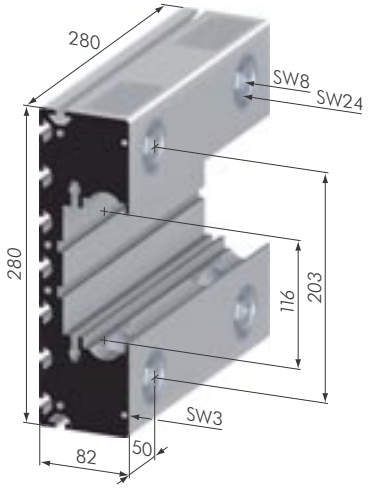
**Application:** For free running, high-load linear guidance systems. On request, the carriage is also available in different lengths and with varying numbers of rollers. Operate only with a wiper and lubrication system.

**Material:** aluminum, natural anodized

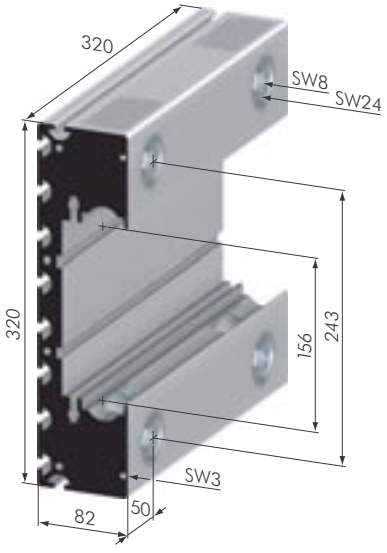
**Technical Data:**

- loadings: dyn. 29200 N per roller in radial direction
  stat. 16400 N per roller in radial direction
- stat. 12250 N per roller in axial direction

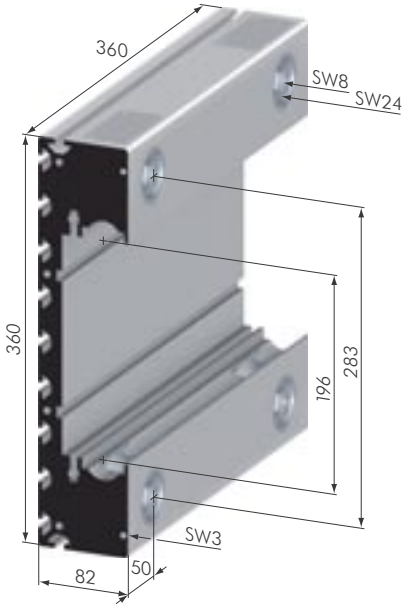
- operational speed: 8 m/s
- excentric adjustment: ± 0.9 mm
- minimum stroke length: 280 mm



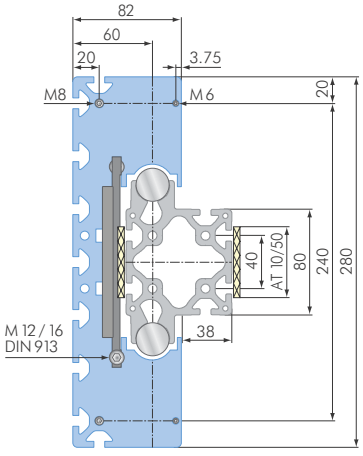

**SL0050N**

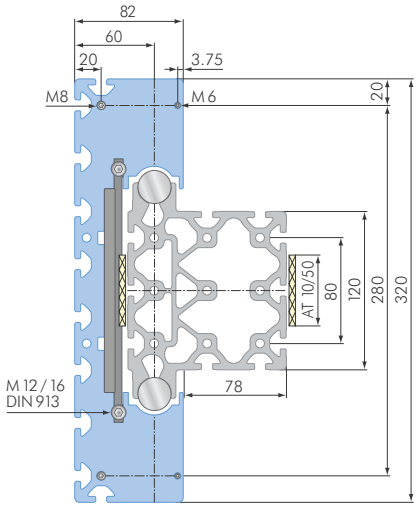


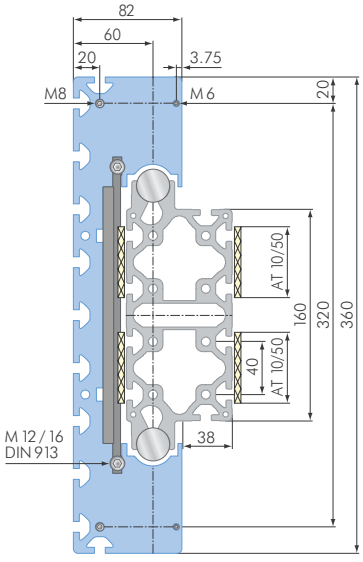

**SL0051N**




**SL0053N**



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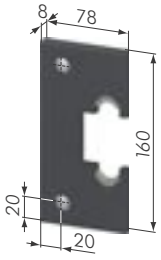
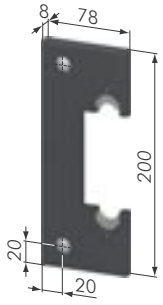
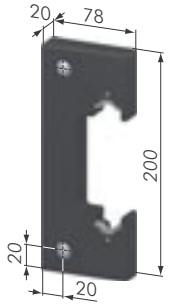



SL0162S




SL0164S

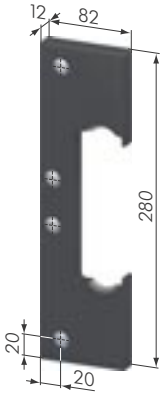



SL0165S
for external lubrication

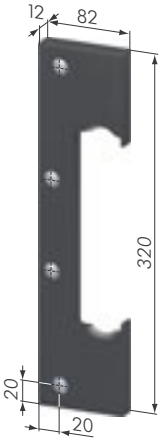
| Wiper And Lubrication Systems | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL0162S | Wiper and lubrication system 160 | 111 g |
| SL0164S | Wiper and lubrication system 200 | 131 g |
| SL0165S | Wiper and lubrication system 200 E | 385 g |
| SL0166S | Wiper and lubrication system 16 S | 13 g |
| SL0167S | Wiper and lubrication system 280 | |
| SL0168S | Wiper and lubrication system 320 | 268 g |
| SL0169S | Wiper and lubrication system 360 | |

**Application:** SL0165S: End cover with felt lubrication pad for linear actuators. Two pairs are required for each carriage.

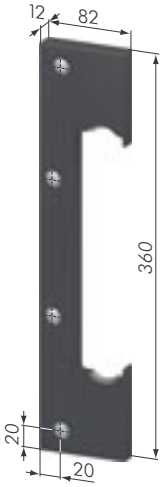
**Material:** aluminum, black anodized




SL0167S




SL0168S



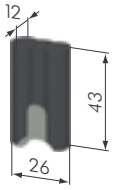

SL0169S

**Application:** SL0166S: Wiper and lubrication system for long carriages. The system is situated in a pocket of the carriage to protect the center rollers.

**Material:** PA 6, black

**Supply:**
- 2x/4x cap head screw M 8 x 10 or M 8 x 16, DIN 7380, zinc-plated

**Accessories:**
- lubrication lub MK5900020 for SL0162S, SL0164S and SL0165S
- lubrication lub MK5900022 for SL0166S
- lubrication lub MK5900024 for SL0167S, SL0168S and SL0169S
- shaft oil SZ6003V




SL0166S

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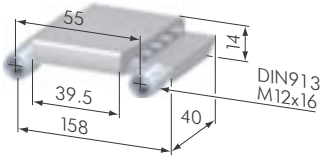
| Timing Belt Tensioners | | |
|---|---|---|
| Part № | Description | Weight |
| SL0174N | Timing Belt Tensioner AT 10 / 22 | 125 g |
| SL0175N | Timing Belt Tensioner AT 10 / 50 | 250 g |
| SL0230N | Timing Belt Tensioner 25 / 280 AT 10 / 50 | |
| SL0232N | Timing Belt Tensioner 25 / 360 AT 10 / 50 | |
| SL0234N | Timing Belt Tensioner 25 / 320 AT 10 / 75 | 350 g |

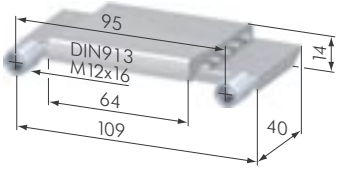
**Application:** Standard timing belt tensioner for timing belts
AT 10 / 22 (for carriages 160),
AT 10 / 50 (for carriages 200, 280, 360) and
AT 10 / 75 (for carriages ... / 320).

**Material:** aluminum, natural anodized

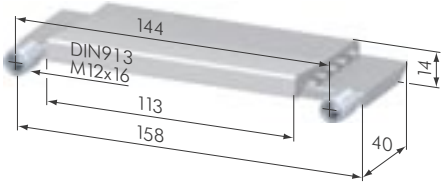
**Supply:** • 2x grub screw M 12 x 16, DIN 913



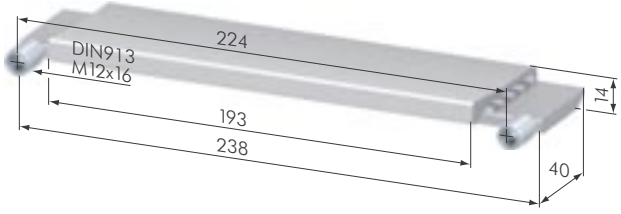

**SL0174N**



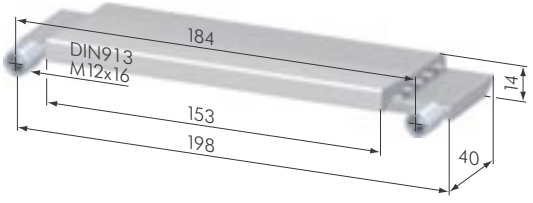

**SL0175N**




**SL0230N**




**SL0232N**




**SL0234N**

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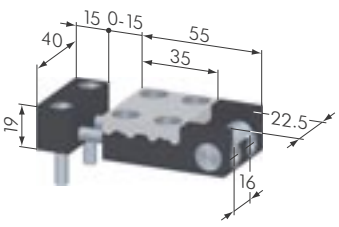
## Timing Belt Tensioners, external

| Part № | Description | Weight |
|---|---|---|
| SL0190S | Timing Belt Tensioner 22, external | 293 g |
| SL0191S | Timing Belt Tensioner 50, external | 603 g |

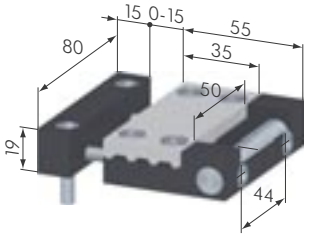
**Application:** For external tensioning of timing belts.

**Material:** steel, black

**Supply:** Complete as illustrated for the timing belt AT 10 / 22 and AT 10 / 50.




SL0190S




SL0191S

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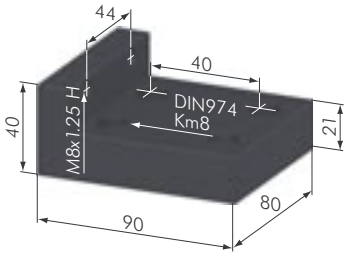
## Tensioning Plate Telescope Axis

| Part № | Description | Weight |
|---|---|---|
| SL0209S | Tensioning Plate Telescope Axis | |

**Application:** For tensioning of timing belt AT 10 / 50 via timing belt tensioner 50 external at the end of the profile.

**Material:** steel, black




SL0209S

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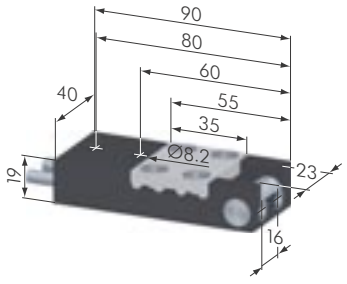
## Timing Belt Tensioner, external ZB

| Part № | Description | Weight |
|---|---|---|
| SL0198S | Timing Belt Tensioner 22, external ZB | 285 g |
| SL0199S | Timing Belt Tensioner 50, external ZB | 771 g |

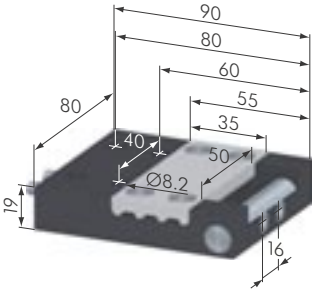
**Application:** For external tensioning of timing belts.

**Material:** steel, black

**Supply:** Complete as illustrated for the timing belt AT 10 / 22 and AT 10 / 50.




SL0198S




SL0199S

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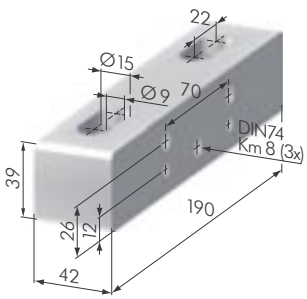
## Fixing Blocks

| Part № | Description | Weight |
|---|---|---|
| SL0195N | Fixing Block 22 | 785 g |
| SL0196N | Fixing Block 50 | 1546 g |

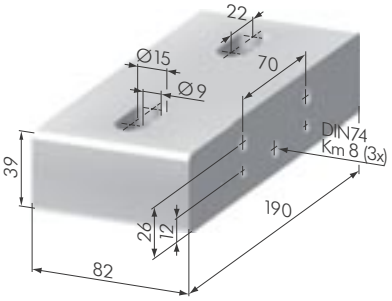
**Application:** For attaching external tensioners to the carriage.

**Material:** aluminum, natural anodized

**Supply:** No screws, fixing block only.




SL0195N




SL0196N

## Attachment Plates Tensioner

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| Part № | Description | Weight |
|---|---|---|
| SL0208S | Attachment Plate Tensioner 40 / 80 | 1.85 kg |
| SL0200S | Attachment Plate Tensioner 80 / 80 | 2.63 kg |
| SL0202S | Attachment Plate Tensioner 80 / 120 | 3.35 kg |
| SL0204S | Attachment Plate Tensioner 80 / 160 | 4.02 kg |
| SL0206S | Attachment Plate Tensioner 80 / 200 | 4.70 kg |
| SL0290S | Attachment Plate Tensioner C 80 / 100 | |

**Application:** For attaching of the external tensioners 22 ZB and 50 ZB respectively to the end of the track profile.

**Material:** steel, zinc-plated


SL0208S


SL0200S


SL0200S


SL0204S


SL0200S


SL0200S

## End Stops

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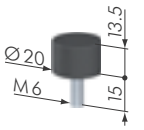
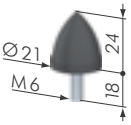
| Part № | Description | Weight |
|---|---|---|
| SL8604S | End Stop 20 / 13.5 M 6 | |
| SL8600S | End Stop 21 / 24 M 6 | 11 g |
| SL8601S | End Stop 32 / 36 M 8 | 34 g |
| SL8602S | End Stop 52 / 58 M 10 | 109 g |
| SL8603S | End Stop 75 / 89 M 12 | 331 g |

**Application:** For absorbing impact at the end of stroke positions.

**Material:** rubber, black



SL8604S



SL8600S

SL8601S

SL8602S

SL8603S

## Fixing Blocks For End Stops

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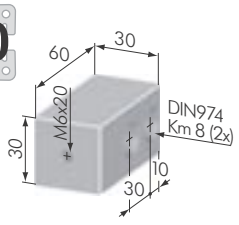
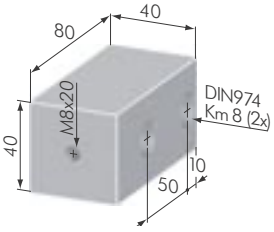
| Part № | Description | Weight |
|---|---|---|
| SL1530N | Fixing Block For End Stops M 6 | 132 g |
| SL1531N | Fixing Block For End Stops M 8 | 331 g |

**Application:** For attaching end stops.

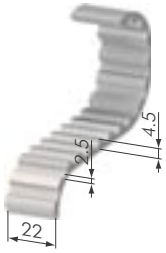
**Material:** aluminum, natural anodized



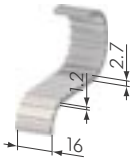
SL1530N



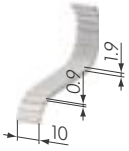
SL1531N




SL8500




SL8560




SL8550


SL8520


SL8510

## Timing Belts

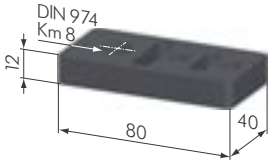
| Part № | Description | Weight |
|---|---|---|
| SL8550 | Timing Belt AT 3 / 10 | 22 g/m |
| SL8560 | Timing Belt AT 5 / 16 | 57 g/m |
| SL8500 | Timing Belt AT 10 / 22 | 250 g/m |
| SL8510 | Timing Belt AT 10 / 50 | 308 g/m |
| SL8520 | Timing Belt AT 10 / 75 | 563 g/m |

**Application:**
- AT 3 / 10 for pulley assembly C-40 / 57
- AT 5 / 16 for pulley assembly C-40 / 100
- AT 10 / 22 for pulley assemblies 40 / 40, 40 / 80, C-80 / 100
- AT 10 / 50 for pulley assemblies 80 / 80, 80 / 100, 80 / 120, 120 / 120 – 50
- AT 10 / 75 for pulley assembly 120 / 120 – 75

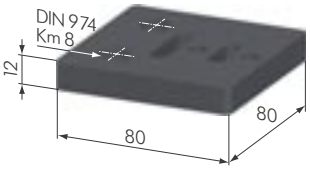
**Material:** abrasion resistant polyurethane with steel cording

**Technical Data:** operating temperature max. 80° C (176° F)

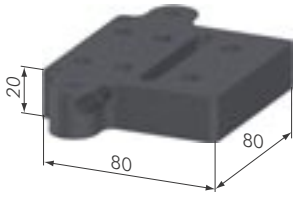
| Timing Belt | Tensile Strength | Elongation | | |
|---|---|---|---|---|
| AT 3 / 10 | 410 N | 0.1 % | with | 102 N |
| AT 5 / 16 | 1260 N | 0.1 % | with | 315 N |
| AT 10 / 22 | 3200 N | 0.1 % | with | 800 N |
| AT 10 / 50 | 8050 N | 0.1 % | with | 2012 N |
| AT 10 / 75 | 12220 N | 0.1 % | with | 3055 N |




SL0250S




SL0255S




SL0257S


SL0260S

## Adapter Plates

| Part № | Description | Weight |
|---|---|---|
| SL0250S | Adapter Plate 40 x 80 | 75 g |
| SL0255S | Adapter Plate 80 x 80 | 176 g |
| SL0257S | Adapter Plate U 80 x 90 | |
| SL0260S | Adapter Plate 80 x 120 | |

**Application:** To connect pulley assemblies 40 x 40 to the corresponding track profiles.

**Material:** aluminum, black anodized

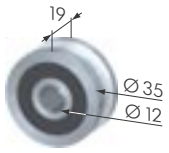
## Rollers, Roller Axles 16

40

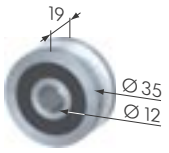
| Part № | Description | Weight |
|---|---|---|
| SL0155G | Roller 16 | 125 g |
| SL0155N | Roller 16, corrosion-resistant | 125 g |
| SL0152S | Roller Axle 16, concentric | 78 g |
| SL0153S | Roller Axle 16, excentric | 77 g |

**Application:** For free running linear actuator systems in conjunction with a guidance rail Ø 16.

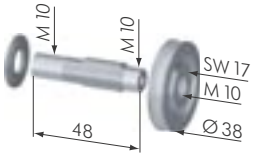
**Material:** SL0155G: steel, hardened and ground
SL0155N: stainless-steel, corrosion-resistant
SL0152S: stainless-steel
SL0153S: stainless-steel



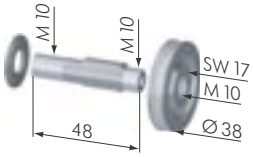

SL0155G




SL0155N




SL0152S




SL0153S

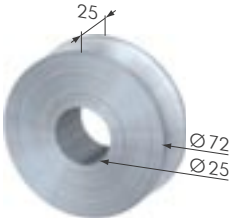
## Rollers, Roller Axles 25

40

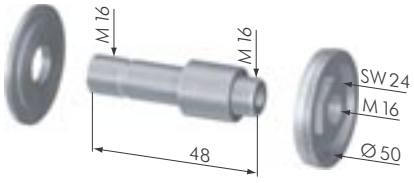
| Part № | Description | Weight |
|---|---|---|
| SL0157G | Roller 25 | 409 g |
| SL0154Z | Roller Axle 25, concentric | 284 g |
| SL0154E | Roller Axle 25, excentric | 284 g |

**Application:** For free running linear actuator systems in conjunction with a guidance rail Ø 25.

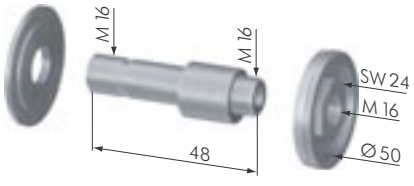
**Material:** SL0157G: steel, hardened and ground
SL0154Z: stainless-steel
SL0154E: stainless-steel



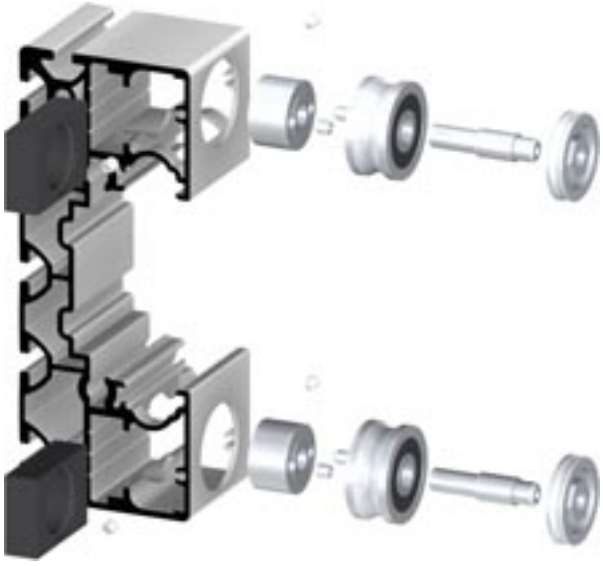

SL0157G




SL0154Z




SL0154E




SL0184G


SL0185G


SL0188G


SL0189G

SB1500

40

## Guidance Rails

| Part № | Description | Weight |
|---|---|---|
| SL0184G | Ø 16 mm | 1.58 kg / m |
| SL0184G3000 | Ø 16 mm, L = 3000 mm | 4.74 kg |
| SL0185G | Ø 16 mm, corrosion-resistant | 1.58 kg / m |
| SL0185G3000 | Ø 16 mm, SS, L = 3000 mm | 4.75 kg |
| SL0188G | Ø 25 mm | 3.85 kg / m |
| SL0188G3000 | Ø 25 mm, L = 3000 mm | 11.55 kg |
| SL0189G | Ø 25 mm, corrosion-resistant | 3.86 kg / m |
| SL0189G3000 | Ø 25 mm, L = 3000 mm, corr.-res. | 11.57 kg |
| SB1500 | Doweling Of Guidance Rail | |

**Application:** Guidance rail for rollers Ø 16 and Ø 25.

**Material:** guidance rail Ø 16 h6 / Ø 25 h6: steel, hardened and ground

**Technical Data:** min. hardness depth: 1.6 mm
HRc: 62 ± 2 mm
RZ: 1.6 µm

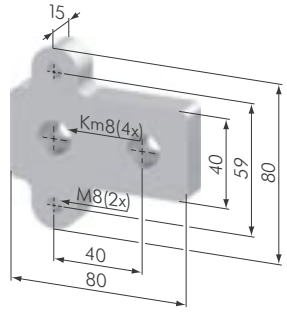
40

## Rail Stop Plates For Guidance Rails Ø 16

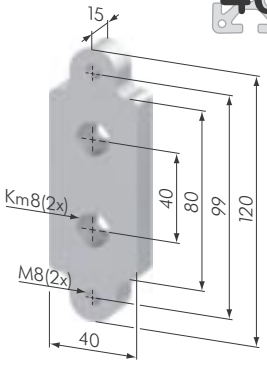
| Part № | Description | Weight |
|---|---|---|
| SL0210N | Rail Stop Plate 16 40 x 40 | 70 g |
| SL0211N | Rail Stop Plate 16 40 x 80 / 40 | 83 g |
| SL0212N | Rail Stop Plate 16 40 x 80 / 40 | 144 g |
| SL0213N | Rail Stop Plate 16 80 x 80 | 214 g |
| SL0214N | Rail Stop Plate 16 80 x 120 | 294 g |

**Application:** End fixing of guidance rail.

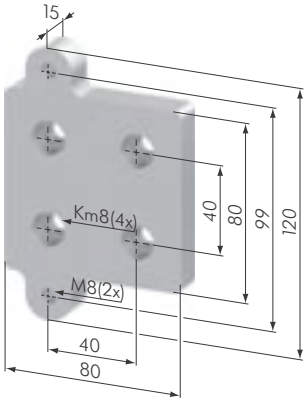
**Material:** aluminum, natural anodized



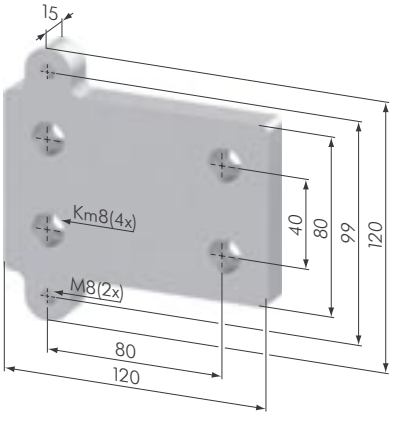

SL0211N



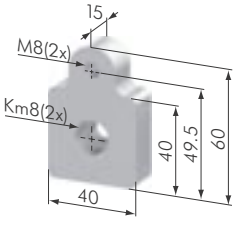

SL0212N




SL0213N




SL0214N




SL0210N

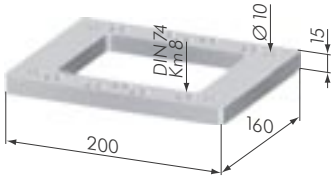
## Carriage Joining Plates

40

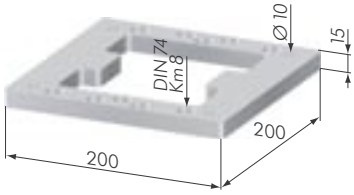
| Part № | Description | Weight |
|---|---|---|
| SL0512N | Carriage Joining Plate 200 x 200 | 780 g |
| SL0514N | Carriage Joining Plate 240 x 200 | 890 g |
| SL0516N | Carriage Joining Plate 280 x 200 | 1000 g |
| SL0510N | Carriage Joining Plate 160 x 200 | 700 g |
| SL0502N | Carriage Joining Plate 356 x 200 | 2300 g |

**Application:** For a strong connection of two carriages.

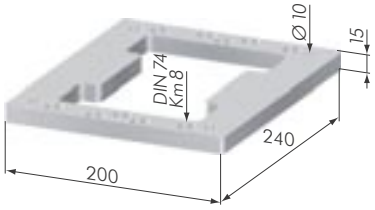
**Material:** aluminum, natural anodized



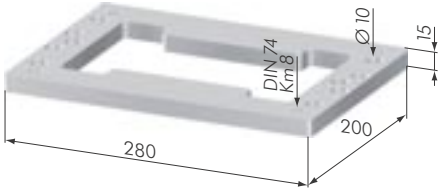

**SL0510N**



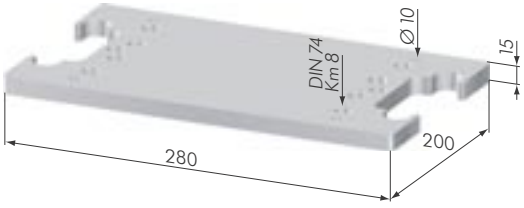

**SL0512N**




**SL0514N**




**SL0516N**




**SL0502N**

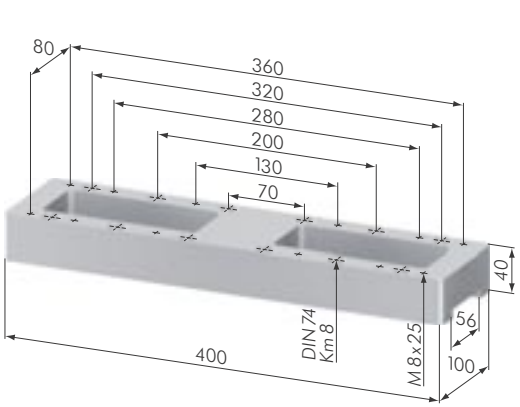
## Attachment Plate TSA

40

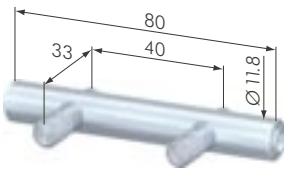
| Part № | Description | Weight |
|---|---|---|
| SL0550N | Attachment Plate Plate 400 x 100, for TSA | |

**Anwendung:** Joining plate for Omega drive 50 for assembling of the drive unit of telescope axis SL5400N.

**Material:** aluminum, natural anodized




**SL0550N**




SV3100V

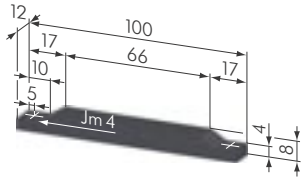
40

## Special Fastener 120

| Part № | Description | Weight |
|---|---|---|
| SV3100V | Special Fastener 120 | 67 g |

**Application:** To affix pulley assembly only to track profile 80 x 120.

**Material:** steel, zinc-plated




SL1500S

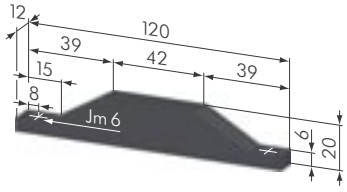
40

## Limit Switch Cams

| Part № | Description | Weight |
|---|---|---|
| SL1500S | Limit Switch Cam 100 | 60 g |
| SL1502S | Limit Switch Cam 120 | 145 g |

**Application:** Cams for mechanical limit switches.

**Material:** steel, zinc-plated; black




SL1502S

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## End Of Stroke Set 8

| Part № | Description | Weight |
|---|---|---|
| SL8610V | End Of Stroke Set 8 | 100 g |

**Application:** To absorb impact at the ends of the stroke positions. An M 8 cap head screw is screwed into the underside of the carriage, the screw head protrudes into the profile groove.
A PUR cord buffer is situated between the t-nuts. The outer t-nut is fixed into position. The inner t-nut decrees freely in the profile t-slot. One complete set is required for each position.

**Material:** stainless-steel, rubber

## Clamping Plates

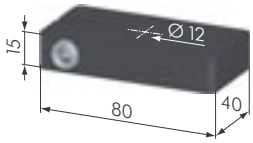
40

| Part № | Description | Weight |
|---|---|---|
| SL0222S | Clamping Plate 40 x 80 | 322 g |
| SL0227S | Clamping Plate 80 x 80 | 624 g |

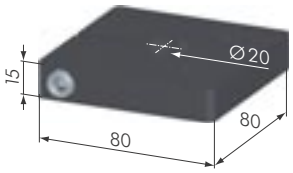
**Application:** For clamping guidance rail Ø 12 mm (SL0222S) or guidance rail Ø 20 mm (SL0227S).

**Material:** steel, zinc-plated

**Supply:** SL0222S: clamp screw M 8 x 20
SL0227S: clamp screw M 8 x 30




**SL0222S**




**SL0227S**

## Guidance Rails

40

| Part № | Description | Weight |
|---|---|---|
| SL0181G | Ø 10 mm | 612 g/m |
| SL0181G3000 | Ø 10 mm, L = 3000 mm | 1.84 kg |
| SL0182G | Ø 12 mm | 880 g/m |
| SL0182G3000 | Ø 12 mm, L = 3000 mm | 2.64 kg |
| SL0186G | Ø 20 mm | 2.45 kg/m |
| SL0186G3000 | Ø 20 mm, L = 3000 mm | 7.35 kg |
| SB1008 | Cutting Charge For Guidance Rail | |

**Application:** For linear guidance systems in conjunction with the linear flange plates 40 x 80 and 80 x 80.

**Material:** steel, hardened and ground


**SL0182G**


**SL0186G**

## Linear Flange Plates

40

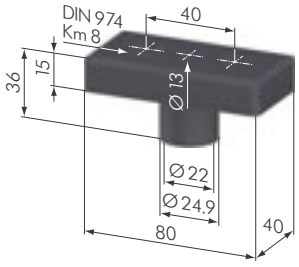
| Part № | Description | Weight |
|---|---|---|
| SL0300S | Linear Flange Plate 40 x 80 | 130 g |
| SL0400S | Linear Flange Plate 80 x 80 | 239 g |

**Application:** For building linear guidance systems in conjunction with profile size / guidance rail.
40 x 80 / Ø 12 mm
80 x 80 / Ø 20 mm

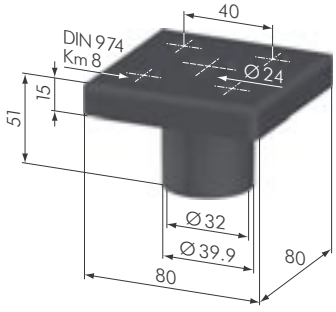
**Material:** steel, hardened and ground

**Supply:** with internal ball bushing: 0670-212-40 for 40 x 80
0670-220-40 for 80 x 80

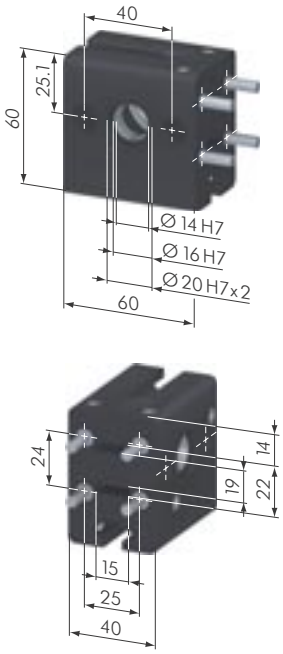
Compensates for alignment errors of 30´ maximum.




**SL0300S**




**SL0400S**




SL9800S

40

## Pulley Assembly

| Part № | Description | Weight |
|---|---|---|
| SL9800S | Pulley Assembly C 40 / 57 | |

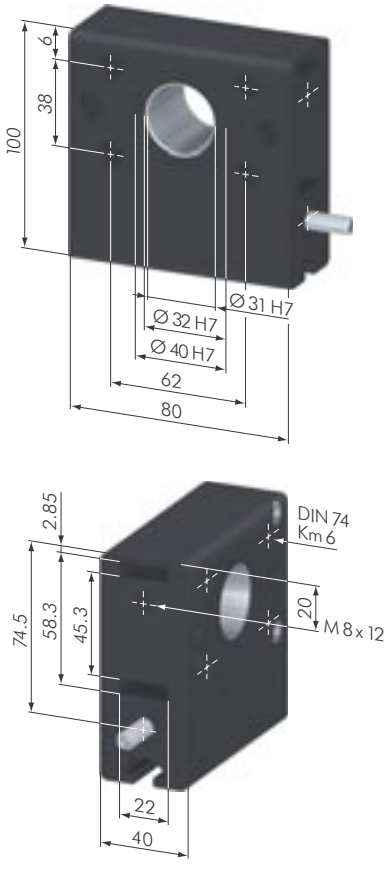
**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

**Material:** casing: aluminum, black anodized

**Technical Data:**

- timing belt AT 3 / 10: maximum loading MD = 5 Nm
- timing belt pulley: aluminum, tooth pitch AT 3
  № of teeth 20
- pitch circle diameter: 19.10 mm
- bearing type: 61902-2Z
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 14H7
- timing belt length 180°: 90.0 mm

Connected to profile via four special fasteners type G (SV1071V).
Motor connection via flange plates per customer request.




SL9805S

40

## Pulley Assembly

| Part № | Description | Weight |
|---|---|---|
| SL9805S | Pulley Assembly C 40 / 100 | |

**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

**Material:** casing: aluminum, black anodized

**Technical Data:**

- timing belt AT 5 / 16: maximum loading MD = 15 Nm
- timing belt pulley: aluminum, tooth pitch AT 5
  № of teeth 32
- pitch circle diameter: 50.93 mm
- bearing type: 61808-2Z
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 18H7
- timing belt length 180°: 180.0 mm

Connected to profile via one central fastener type G (SV1071V) and one cap head screw DIN 912. Motor connection via flange plates per customer request.

## Pulley Assembly

40

| Part № | Description | Weight |
|---|---|---|
| SL9810S | Pulley Assembly C 80 / 100 | 1.56 kg |

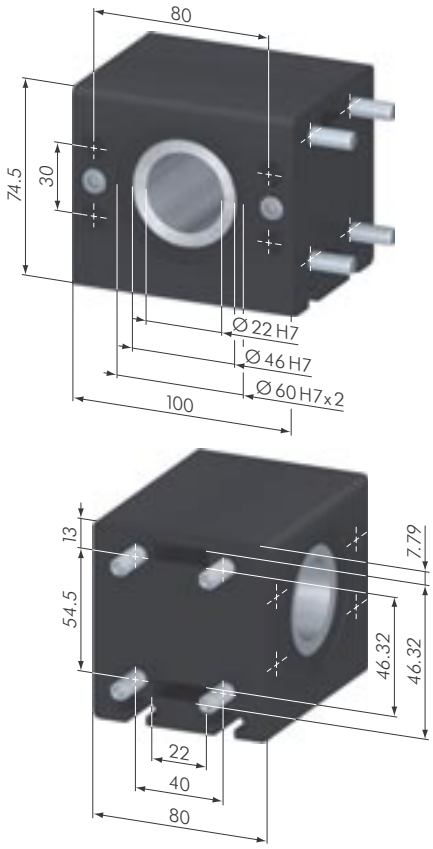
**Application:** This pulley assembly is used in conjunction with *Paletti* linear components to manufacture linear actuators.

**Material:** casing: aluminum, black anodized

**Technical Data:**

- timing belt AT 10 / 22: maximum loading MD = 70 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of teeth 19
- bearing type: 61909-RS
- pitch circle diameter: 60.48 mm
- With shrunken fit drive (steel) upon customer request (included in the price).
- max. bore for motor with keyway: Ø 22H7
- timing belt length 180°: 195.0 mm

Connected to profile via four cap head screws DIN 912.
Motor connection via flange plates per customer request.




SL9810S

## Omega Drive

40

| Part № | Description | Weight |
|---|---|---|
| SL9820S | Omega Drive AT 5 / 16 | |

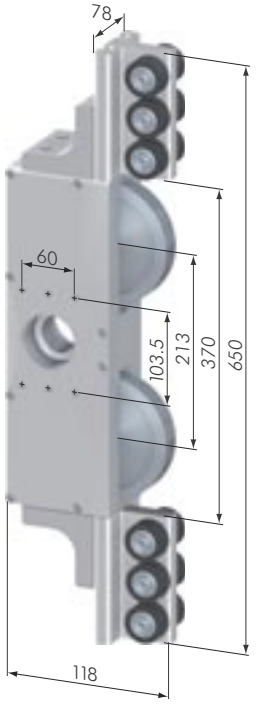
**Application:** This Omega drive is used in conjunction with the *Paletti* C-Track 80 x 100 to manufacture linear actuators.

**Material:** casing: aluminum, black anodized

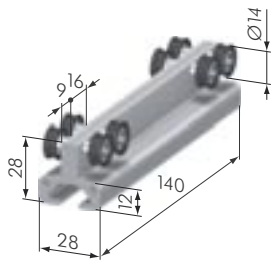
**Technical Data:**

- timing belt AT 5 / 16: maximum loading MD = 70 Nm
- timing belt pulley: aluminum, tooth pitch AT 5
  № of teeth 56
- pitch circle diameter: 89.13 mm
- With shrunken fit drive (steel)
- per customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7
- timing belt length 180°: 195.0 mm

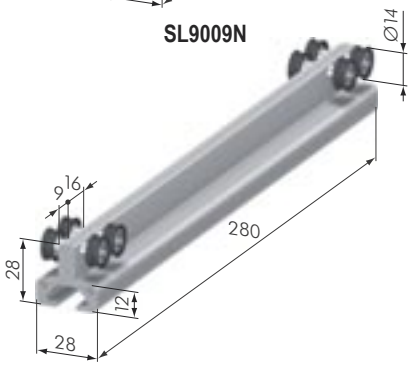
Motor connection via flange plates per customer request.




SL9820S




SL9009N




SL9010N

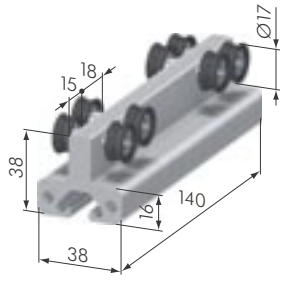
30

| Double Carriage C 30 / 43 | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL9009N | Double Carriage 30 / 43 140 / 8 | |
| SL9010N | Double Carriage 30 / 43 280 / 8 | |

**Application:** For creating sliding doors and other linear applications.

**Material:** profile: aluminum, natural anodized
roller: POM

**Technical Data:**
The carriage rollers have no excentric adjustment. The rollers are preset to suit the internal guidance form of the track profile.




SL9007N

40

| Double Carriage C 40 / 57 | | |
|---|---|---|
| **Part №** | **Description** | **Weight** |
| SL9007N | Double Carriage 40 / 57 140 / 8 | |
| SL9008N | Double Carriage 40 / 57 280 / 8 | |

**Application:** For creating sliding doors and other linear applications.

**Material:** profile: aluminum, natural anodized
roller: POM

**Technical Data:**
The carriage rollers have no excentric adjustment. The rollers are preset to suit the internal guidance form of the track profile.

## Single Carriage C 40 / 100

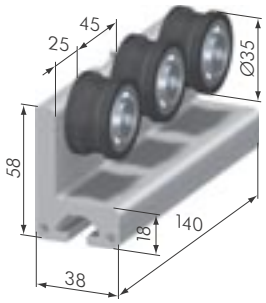
40

| Part № | Description | Weight |
|---|---|---|
| SL9005N | Single Carriage 40 / 100 140 / 3 | |
| SL9006N | Single Carriage 40 / 100 280 / 4 | |
| SL9011N | Single Carriage 40 / 100 140 / 3, hanging version | |
| SL9012N | Single Carriage 40 / 100 280 / 4, hanging version | |

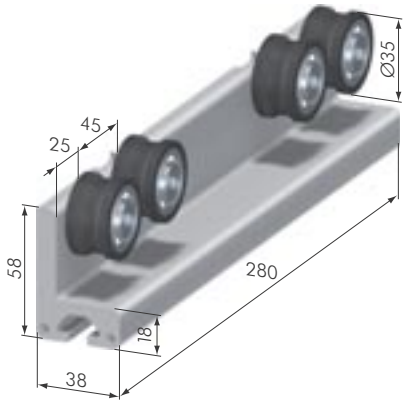
**Application:** For creating sliding doors and other linear applications.

**Material:** profile: aluminum, natural anodized
roller: POM

**Technical Data:**
• excentric adjustment: ± 0.9 mm




**SL9005N / SL9011N**




**SL9006N / SL9012N**

## Single / Double Carriage C 80 / 100

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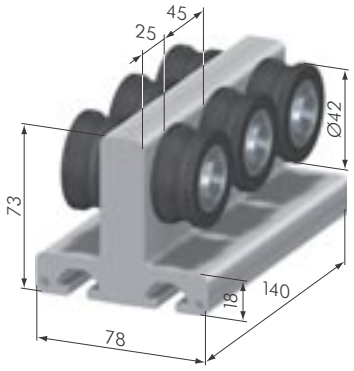
| Part № | Description | Weight |
|---|---|---|
| SL9000N | Double Carriage C 80 / 100 140 / 6 | 625 g |
| SL9001N | Double Carriage C 80 / 100 280 / 8 | 1000 g |
| SL9002N | Single Carriage C 80 / 100 140 / 3 | 508 g |
| SL9003N | Single Carriage C 80 / 100 280 / 4 | 348 g |

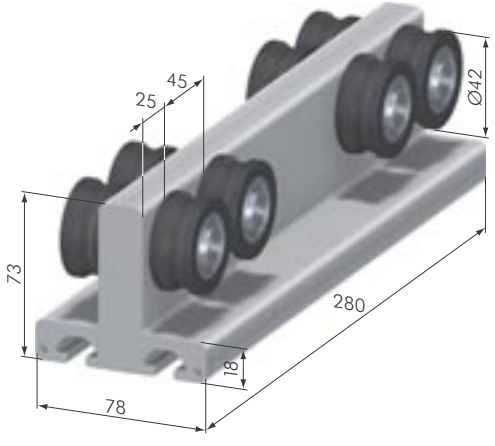
**Application:** For creating sliding doors and other linear applications.

**Material:** profile: aluminum, natural anodized
roller: POM

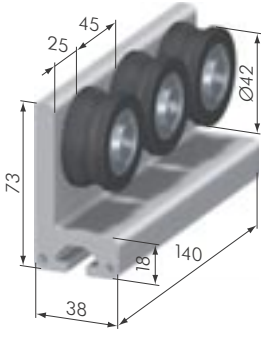
**Technical Data:**
• excentric adjustment: ± 0.9 mm



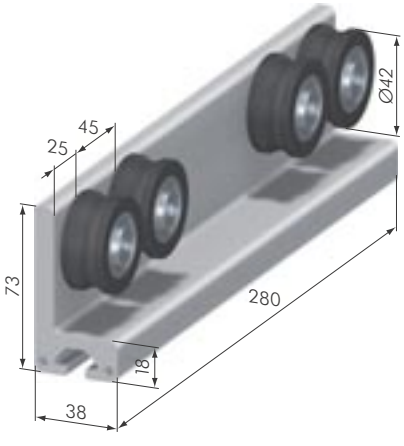

**SL9000N**




**SL9001N**




**SL9002N**




**SL9003N**

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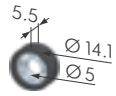
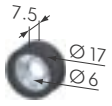
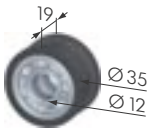


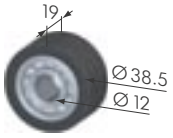

SL0161S



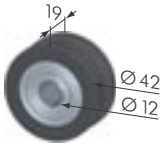

SL0160S



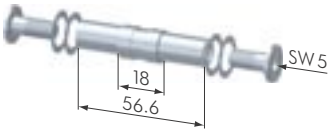

SL0159S



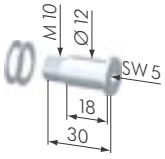

SL0156S



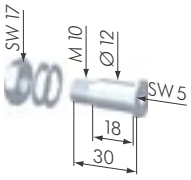

SL0158S




SL0150E




SL0150Z




SL0151E

## Rollers / Roller Axles

| Part № | Description | Weight |
|---|---|---|
| SL0161S | Roller C 30 / 43 POM | |
| SL0160S | Roller C 40 / 57 POM | |
| SL0159S | Roller C 40 / 100 POM | |
| SL0156S | Roller C 80 / 100 POM, straight | |
| SL0158S | Roller C 80 / 100 POM | |
| SL0150E | Roller Axle Double C-Carriage 80 E | |
| SL0150Z | Roller Axle C-Carriage 80 Z | |
| SL0151E | Roller Axle Single C-Carriage E | |

**Application:** Rollers used when constructing custom C-carriages. The roller C 80/100 POM, straight, can be used in conjunction with the roller C 80/100 POM in order to withstand higher loads. The concentric roller axle is used for both single and double sided C-carriages.

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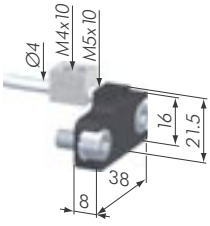
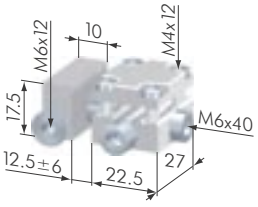



SL0240N




SL0241N


SL0242N

## Timing Belt Tensioners

| Part № | Description | Weight |
|---|---|---|
| SL0240N | Timing Belt Tensioner C 40 / 57 | |
| SL0241N | Timing Belt Tensioner C 40 / 100 | |
| SL0242N | Timing Belt Tensioner C 80 / 100 | |

**Application:** For attaching and tensioning of the timing belt to the C-carriages manufacture free running and long-living linear actuator systems, that do not need any lubrication of the roller guidance.

## Pulley Assembly 80 / 90

40

| Part № | Description | Weight |
|---|---|---|
| SL9850S | Pulley Assembly 80 / 90 | |

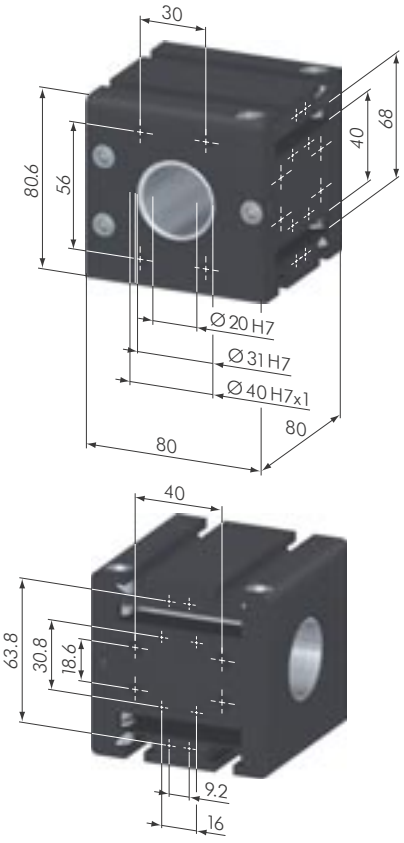
**Application:** This pulley assembly is used in conjunction with Paletti linear components to manufacture linear actuators.

**Material:** casing: aluminum, black anodized

**Technical Data:**

- timing belt AT 10 / 50: maximum loading MD = 60 Nm
- timing belt pulley: aluminum, tooth pitch AT 10
  № of teeth 15
- pitch circle diameter: 47.75 mm
- bearing type: 619079-2RSR
- With shrunk fit drive (steel) on customer request (included in the price).
- max. bore for motor with keyway: Ø 30H7
- max. bore for motor with taper lock coupling: Ø 34H7
- timing belt length 180°: 151.0 mm

Connected to profile via four special central fasteners type G, four grub screws M 4 x 30 and two T-nuts M 5 mini (SV2193V). Motor connection via flange plates per customer request.




SL9850S

## Carriage 80 / 90

40

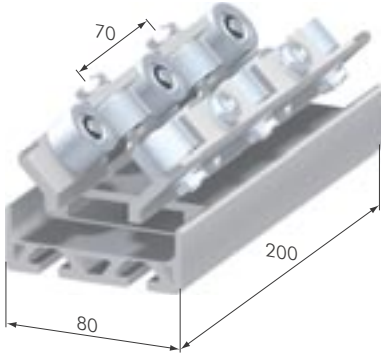
| Part № | Description | Weight |
|---|---|---|
| SL8310N | Carriage 80 / 90 160 / 8 | |
| SL8320N | Carriage 80 / 90 200 / 10 | 1,15 kg |
| SL8330N | Carriage 80 / 90 280 / 10 | |

**Application:** For free running, high-load linear guidance systems. Upon request, the carriage is also available in different lengths and with varying numbers of rollers.

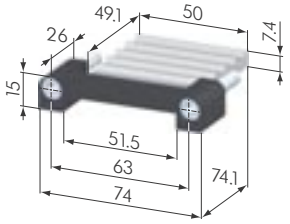
**Material:** carriage: aluminum, natural anodized
timing belt tensioner: aluminum, natural anodized
roller axles, bearings: stainless-steel
roller shell: plastic

**Technical Data:**

- operational speed: 8 $^{m}/_{s}$
- maintenance-free




SL8320N




SL0180S

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## Timing Belt Tensioner 80 / 90

| Part № | Description | Weight |
|---|---|---|
| SL0180S | Timing Belt Tensioner 80 / 90 | 101 g |

**Application:** For attaching and tensioning of the timing belt to the carriage 80 / 90.

**Material:** timing belt tensioner: steel, black
clamping plate: aluminum, natural anodized

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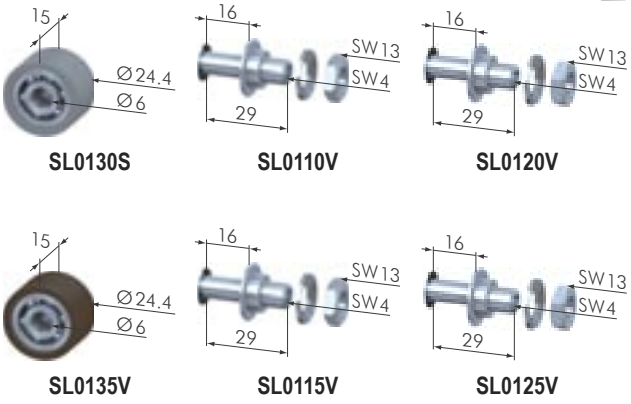
## Roller / Roller Axle 80 / 90

| Part № | Description | Weight |
|---|---|---|
| SL0130S | Roller F 80 / 90 | 18.4 g |
| SL0110V | Roller Axle 80 / 90, concentric | 16.8 g |
| SL0120V | Roller Axle 80 / 90, excentric | 16.8 g |
| SL0135V | Roller F 80 / 90 VU | |
| SL0115V | Roller Axle 80 / 90 VU, concentric | 16.8 g |
| SL0125V | Roller Axle 80 / 90 VU, excentric | 16.8 g |

**Application:** Rollers and roller axles for the assembly of free running and resilient single and double guidances, that do not need any lubrication of the roller guidance.

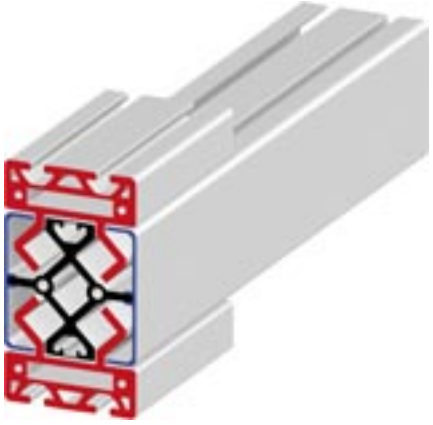
**Material:** roller shell: plastic or Vulkollan (rubber)
roller axles: stainless-steel




SL0130S SL0110V SL0120V

SL0135V SL0115V SL0125V

single guidance 80 / 90



double guidance 80 / 90

## Carriage 120

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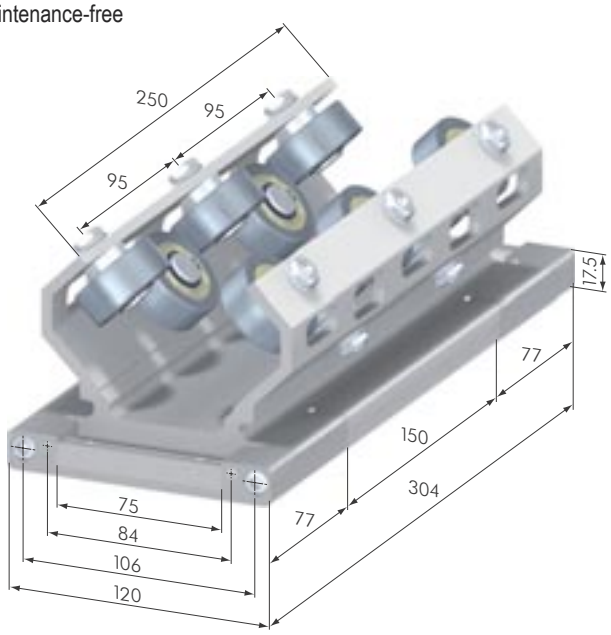
| Part № | Description | Weight |
|---|---|---|
| SL8340N | Carriage 120, steel rollers | |
| SL8345N | Carriage 120, plastic rollers | |

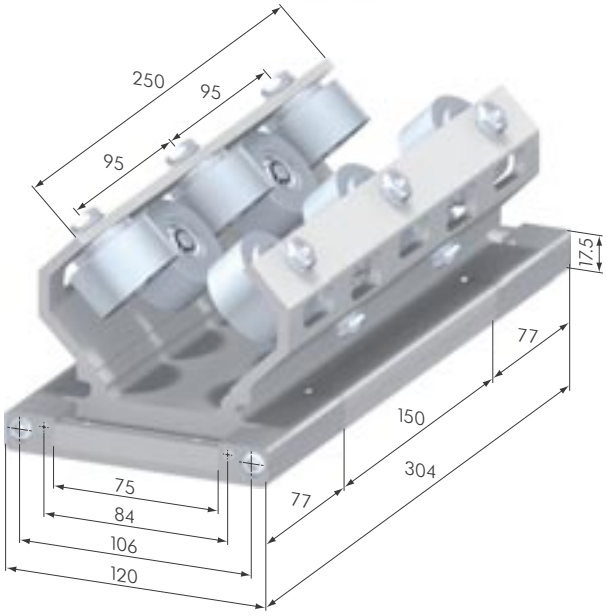
**Application:** For free running, high-load linear guidance systems. Upon request, the carriage is also available in different lengths and with varying numbers of rollers.

**Material:** carriage: aluminum, natural anodized
timing belt tensioner: aluminum, natural anodized
roller axles, bearings: steel, zinc-plated
roller shell: steel, zinc-plated (SL8340N)
plastic (SL8345N)

**Technical Data:**
- operational speed: 8 m/s
- maintenance-free




SL8340N




SL8345N

## Timing Belt Tensioner 120 x 120 45°

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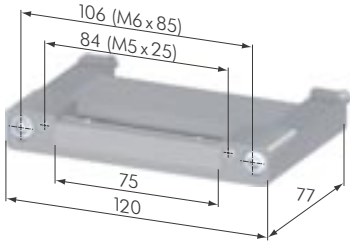
| Part № | Description | Weight |
|---|---|---|
| SL0185S | Timing Belt Tensioner 120 x 120 45° | |

**Application:** For attaching and tensioning of the timing belt AT 10 / 75 to the carriage 120 to manufacture free running and long-living linear actuator systems, that do not need any lubrication of the roller guidance.

**Material:** aluminum, natural anodized




SL0185S

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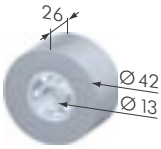
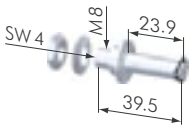
## Roller / Roller Axles 100 / 120

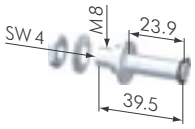
| Part № | Description | Weight |
|---|---|---|
| SL0140S | Roller 100 / 120 | |
| SL0133V | Roller Axle 100 / 120, concentric | |
| SL0132V | Roller Axle 100 / 120, excentric | |




SL0140S




SL0132V




SL0133V

**Application:** Rollers and roller axles for the assembly of free running and resilient linear actuators, that do not need any lubrication of the roller guidance.

**Material:** roller shell: plastic
roller axles: stainless-stell

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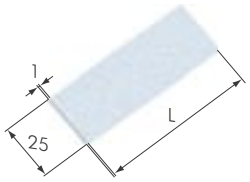
## Steel Strap

| Part № | Description | Weight |
|---|---|---|
| SL0187G | Steel Strap | |
| SL0187G3000 | Steel Strap, L = 3000 mm | |




SL0187G

**Application:** Roller guide of linear actuator 120 x 120 AT 10 / 75 with steel rollers.

**Material:** cold-rolled steel strap

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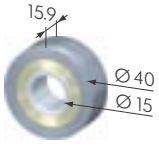
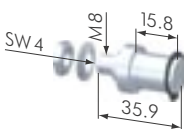
## Roller / Roller Axles 100 / 120 Steel

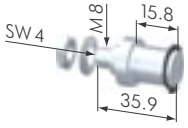
| Part № | Description | Weight |
|---|---|---|
| SL0141G | Roller 100 / 120 Steel | |
| SL0130V | Roller Axle 100 / 120 Steel, concentric | |
| SL0131V | Roller Axle 100 / 120 Steel, excentric | |




SL0141G




SL0130V




SL0131V

**Application:** Rollers and roller axles for the assembly of free running and resilient linear actuators, that do not need any lubrication of the roller guidance.

**Material:** roller shell: stainless-steel
roller axles: stainless-steel