

GB



**A6**

# ***Slide***



**Instruction manual**



**DECLARATION OF CONFORMITY**  
In accordance with; the Machinery Directive 2006/42/EC  
the EMC Directive 2004/108/EC

**Type of equipment**

Slide

**Brand name or trade mark**

ESAB

**Type designation etc.**

A6 Slide with Electric motor, from Serial number 035 (2010 week 35)  
The Slide is a building block in the ESAB A6 Welding Automation program

**Manufacturer or his authorised representative established within the EEA**

**Name, address, telephone No, telefax No:**

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**The following harmonised standard in force within the EEA has been used in the design:**

EN 60204-1, Safety of machinery é Electrical equipment of machines é Party 1: General requirements  
EN 12100-2, Safety of machinery é Part 2: Technical principles  
EN 60974-10, Arc welding equipment é Part 10: Electromagnetic compatibility (EMC) requirements

**By signing this document, the undersigned declares as manufacturer, or the manufacturer's authorised representative established within the EEA, that the equipment in question complies with the safety requirements stated above.**

**Date**

Laxå 2011-02-04

**Signature**

A handwritten signature in blue ink, appearing to read "Håkan Führ". The signature is fluid and cursive, written over a white background.

Håkan Führ  
Managing Director  
ESAB AB

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# 1 SAFETY

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**NOTE:** *The unit is tested by ESAB in a general set-up. The responsibility for safety and function, of the specific set-up, lies with the integrator.*

The following recommendations should be observed in addition to the standard regulations that apply to the work place.

All manoeuvres must be performed according to the given instructions by personnel well familiar with the functions of the servo slide.

An incorrect manoeuvre, caused by a wrong move or an incorrect release of a functional sequence, can lead to an abnormal situation that can injure the operator and cause damage to the equipment.

1. Personnel working with the servo slide must be well familiar with:
  - the handling of the slide
  - the location of emergency stops
  - the function of the slide
  - all relevant safety regulations
  
2. Live electrical components are usually semi-protected.
  - Any work on electrical units **shall be carried out by a qualified electrician.**
  
3. Danger of the load falling down
  - Make sure the base will resist all types of forces coming up during operation.
  - Check that the slide is fastened to the base with at least 4 M10 or M12 Allen screws.
  - Never overload the slide (see on page 7 the carrying capacity of the slide)
  - Check the condition of the belt regularly (at least every 200 hours).
  - Replace the belt at least every 5 years, or as necessary.

***N.B.***

When replacing the belt or the belt pulley the load must be secured. Read the page 16.



**WARNING**

*In case of a belt rupture the load will fall down.*

4. Danger of getting clamped
  - When the runner goes towards its end position
  - When the belt protection is dismantled
  
5. Maintenance
  - Lubrication and maintenance of the slide must not be carried out when the slide is in operation.



# WARNING



**Arc welding and cutting can be injurious to yourself and others. Take precautions when welding and cutting. Ask for your employer's safety practices which should be based on manufacturers' hazard data.**

**ELECTRIC SHOCK - Can kill**

- Install and earth the unit in accordance with applicable standards.
- Do not touch live electrical parts or electrodes with bare skin, wet gloves or wet clothing.
- Insulate yourself from earth and the workpiece.
- Ensure your working stance is safe.

**FUMES AND GASES - Can be dangerous to health**

- Keep your head out of the fumes.
- Use ventilation, extraction at the arc, or both, to take fumes and gases away from your breathing zone and the general area.

**ARC RAYS - Can injure eyes and burn skin.**

- Protect your eyes and body. Use the correct welding screen and filter lens and wear protective clothing.
- Protect bystanders with suitable screens or curtains.

**FIRE HAZARD**

- Sparks (spatter) can cause fire. Make sure therefore that there are no inflammable materials nearby.

**NOISE - Excessive noise can damage hearing**

- Protect your ears. Use earmuffs or other hearing protection.
- Warn bystanders of the risk.

**MALFUNCTION - Call for expert assistance in the event of malfunction.**

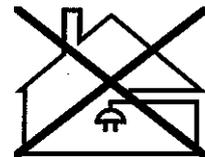
**Read and understand the instruction manual before installing or operating.**

**PROTECT YOURSELF AND OTHERS!**



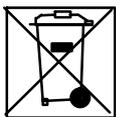
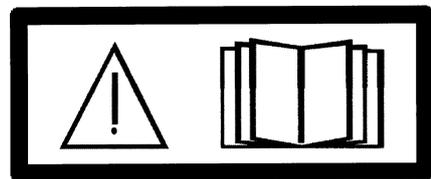
## CAUTION

*Class A equipment is not intended for use in residential locations where the electrical power is provided by the public low-voltage supply system. There may be potential difficulties in ensuring electromagnetic compatibility of class A equipment in those locations, due to conducted as well as radiated disturbances.*



## CAUTION

*Read and understand the instruction manual before installing or operating.*



**Dispose of electronic equipment at the recycling facility!**

In observance of European Directive 2002/96/EC on Waste Electrical and Electronic Equipment and its implementation in accordance with national law, electrical and/or electronic equipment that has reached the end of its life must be disposed of at a recycling facility.

As the person responsible for the equipment, it is your responsibility to obtain information on approved collection stations.

For further information contact the nearest ESAB dealer.

**ESAB can provide you with all necessary welding protection and accessories.**

## 2 INTRODUCTION

The A6 slide is designed to carry and transfer welding heads of different types of welding plants. The slide can be mounted across the weld joint – single or in a cross saddle – for adjustment or joint tracking. It can also be mounted along the weld joint to bring about a welding movement.

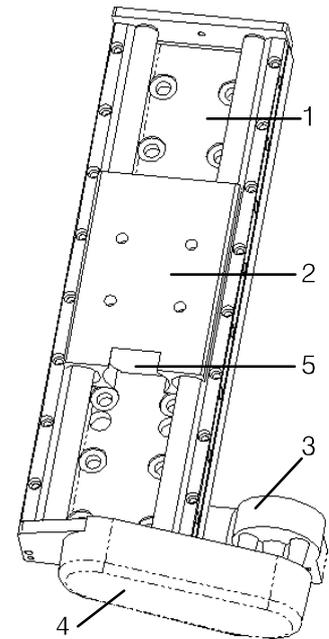
The A6 slide is a motorized linear slide. All movable parts are lodged in ball bearings. The slide is available in different setting lengths from 60 to 1030 mm (see dimension drawing on page 21) and in two different speed ranges.

### 2.1 The A6 slide consists of:

1. Slide profile, stiff U-profile.
2. Runner, lodged in open ball bushings, running over the axes which are supported by the slide profile in their full length.

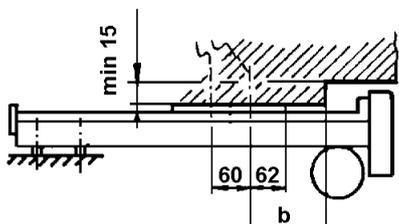
#### The driving system contains:

3. DC motor with worm gear.
4. Tooth belt transmission with built-in friction clutch.
5. Ball screw with nut.



## 3 TECHNICAL DATA

<b>Setting length (mm)</b>	60	120	180	240	300	420	540	730	1030
<b>Total length (mm)</b>	305	365	425	485	545	665	785	1025	1385
<b>Weight (kg)</b>	10,2	10,5	11,5	12,1	12,9	14,1	15,3	17,7	21,5

A6 Slide	
Max control voltage	42 V DC
Max speed at 42 V DC	70 cm/min (175 cm/min with reversed gear wheels in transmission)
Continuous A-weighted noise pressure	42 dB
Play of runner in the longitudinal direction of the slide	0,1 mm
Other play	0
Max ambient air temperature	80°C
Max load dimensions at full setting length	 <p>Setting length 60 to 540: b=62            Setting length 60 to 730: b=86            Setting length 60 to 1030: b=117</p>

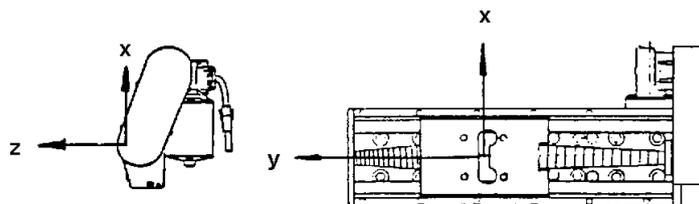
## 4 TECHNICAL DESCRIPTION

### 4.1 The carrying capacity of the slide

To simplify the schematical representation it is assumed that the load on the slide is a weight and that the different mounting positions are confined to:

- Vertical position
- Standing horizontal position
- Lying horizontal position.

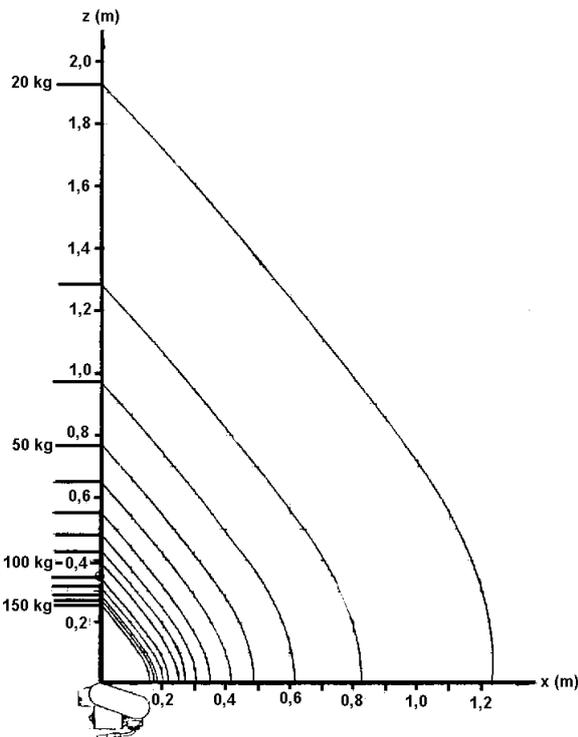
With the following co-ordinate directions the force of gravity works in the y, x and z directions.



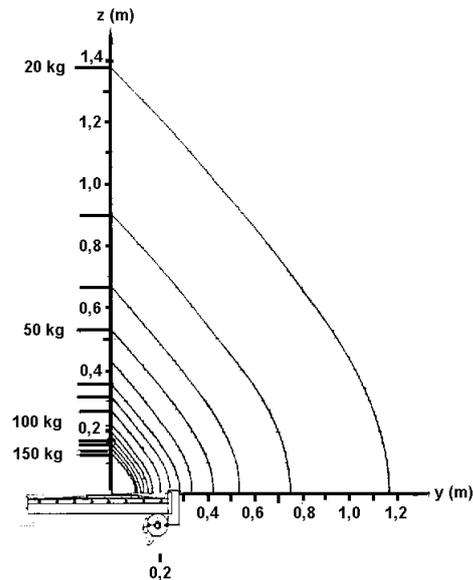
## 4.2 The linear bearing of the runner

Max permissible moment-free load on the runner of the slide is 150 kg irrespective of the mounting position of the slide.

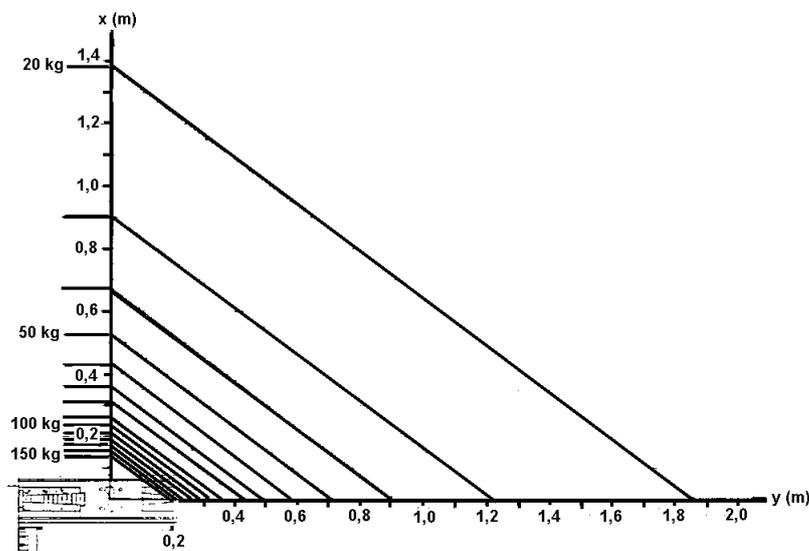
Max permissible moment-generating load on the runner of the slide depends on the mounting position. The centre of gravity of the load can be displaced from the centre of the runner within an area, the further limit of which depends on the size of the load according to the three diagrams below, where the slide is seen from above.



Max. load at vertical mounting



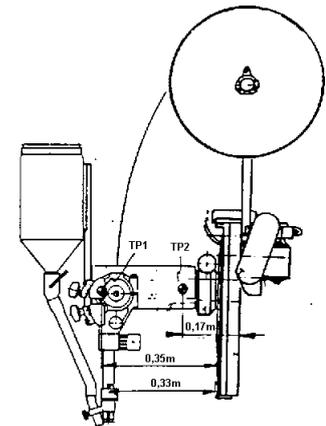
Max load at standing horizontal mounting



Max load at lying horizontal mounting

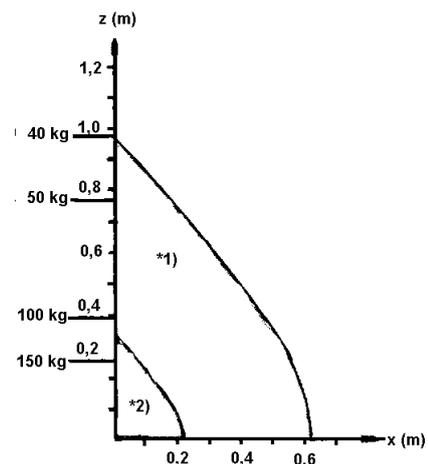
**Example 1:**

- An A6 SFD1 automatic welding machine is mounted on a standing cross saddle.
- Note that the wire drum and the drum holder are mounted on the slide profile of the vertical slide.



**Example 1a:**

- The load on the vertical slide is about 43 kg.
- The centre of gravity (TP1) is displaced 0,35 m from the runner of the vertical slide in the z direction.
- The displacement of the centre of gravity in the x direction can be neglected.
- The load is far below the permissible load of 110 kg in this position.

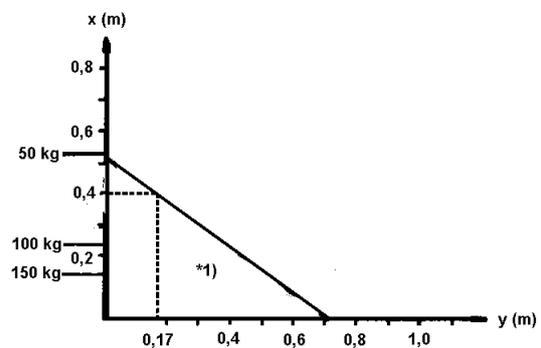


\*1) Permissible position of the centre of gravity at a load of 40 kg.

\*2) Permissible position of the centre of gravity at a load of 100 kg.

**Example 2:**

- A load of 50 kg is fitted on a lying horizontal slide.
- The centre of gravity is displaced 0,4 m in the x direction.
- The centre of gravity can also be displaced 0,17 m in the y direction without the max load being exceeded.



\*1) Permissible position of the centre of gravity at a load of 50 kg.

### 4.3 The distance between the fixation of the slide profile and the line of application of the load

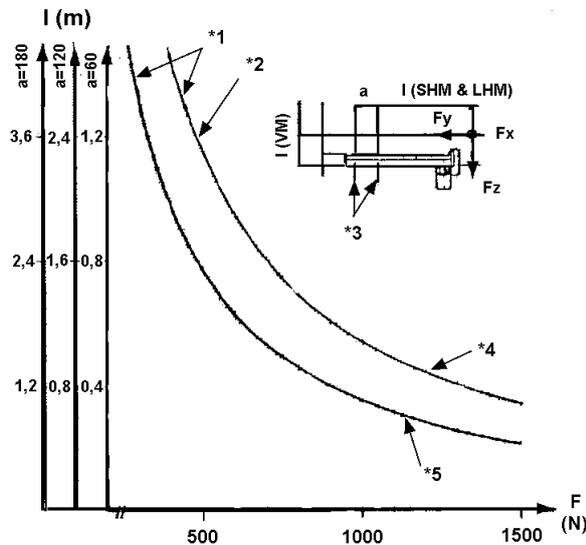
Max permissible forces on the mounting screws of the slide profile limits the distance (l) between the mounting screws and the application line of the load.

At standing horizontal mounting it is assumed that the tightening moment is 48 Nm for an M10 screw and 84 Nm for an M12 screw (friction joint).

Max permissible distance;  $l$  as a function of the load  $F$  is shown in the following diagram where  $a$  is the distance between the screw pairs.

#### Example 3

- The horizontal slide in example 1 is to be fitted on a carrier with 2 pairs of screws with  $a=60$  mm.
- $L$  is max 0,4 m.
- According to the diagram the actual weight of 100 kg ( $F=1000$  N) requires that the mounting screws are of the M12 dimension and are tightened at 84 Nm.



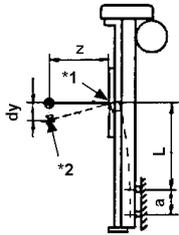
- \*1) Standing horizontal mounting (SHM)
- \*2) Lying horizontal and vertical mounting (LHM and VM)
- \*3) Mounting screw
- \*4) 4 M12 screws torque moment 84 Nm
- \*5) 4 M10 screws torque moment 48 Nm

### 4.4 Deformation of the slide profile under load

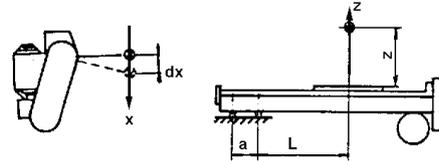
When loaded, the slide profile is deformed (bent, twisted) so that the position of the centre of gravity of the load is changed.

The deflection (d) depends on:

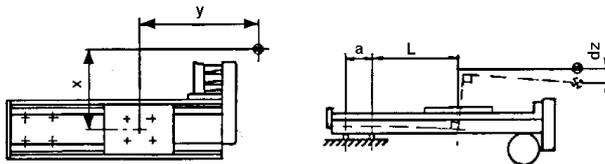
- The size of the load
- The mounting position of the slide
- The distances a, L and x (y, z) are defined in the following fig.



Vertical mounting



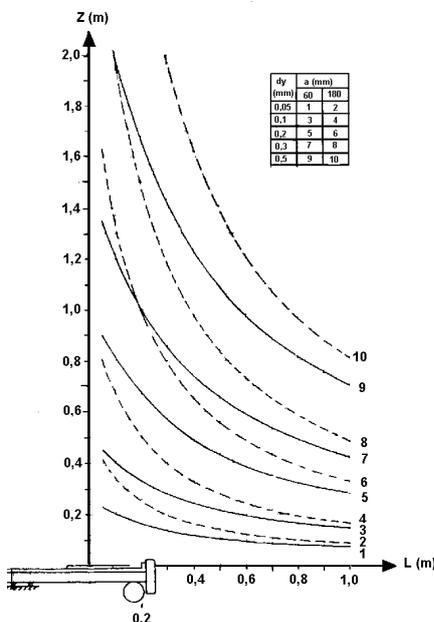
Standing horizontal mounting



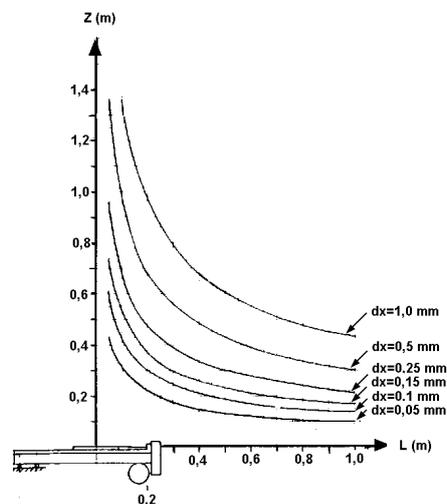
Lying horizontal mounting

The deflection d (x, y, z) at the centre of gravity of the load per 10 kg is shown in the following four diagrams, see on page 11 and 13. Lying horizontal mounting gives the deflection  $d_z$  as  $d_z = d_{zx} + d_{zy}$ . The deflection in other points of the load is proportional or approximately proportional to the distance of these points to the runner.

**Note** that the deflection varies with the position of the runner.



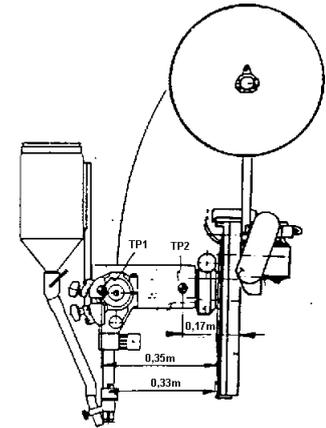
Vertical mounting. Bending of slide profile.



Standing horizontal mounting. Twisting of slide profile.

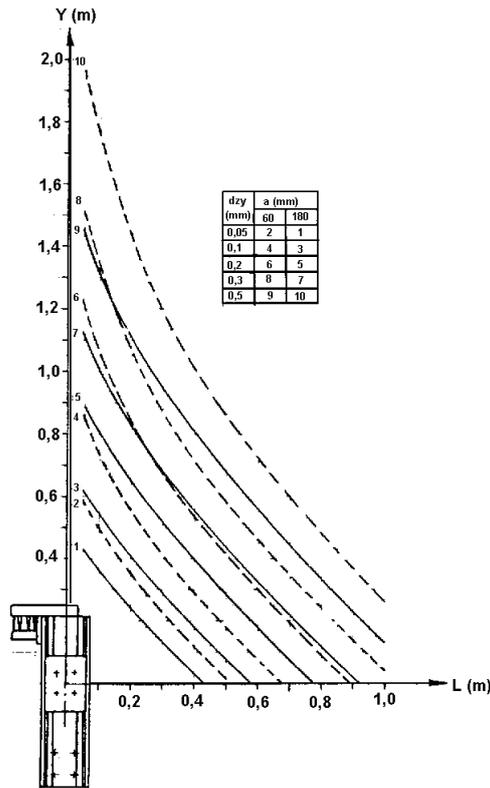
**Example 4:**

- An automatic welding machine is fitted on a vertical cross saddle.
- The load on the vertical slide is 43 kg.
- The position of the centre of gravity is at the distance  $z=0,35$  m from the runner.
- The load on the horizontal slide is 100 kg and its centre of gravity is at the distance  $z=0,17$  m from the runner.

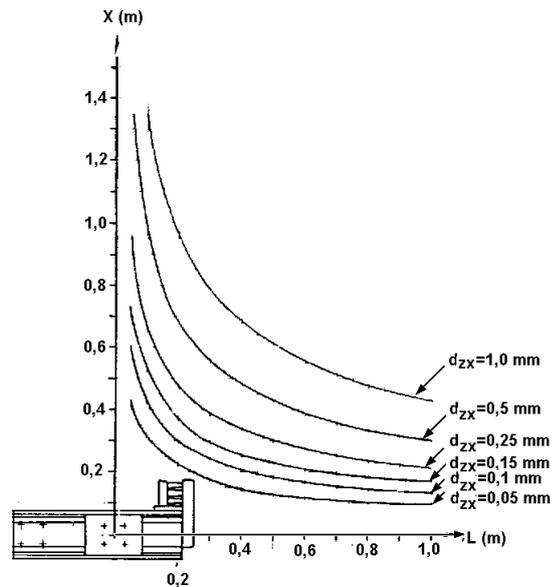


$L_{max}$  of the vertical slide is 0,1 m and of the horizontal slide 0,4 m. The deflection of the contact device due to the deformation of the slide profiles of the slides can be estimated as follows:

1. Deflection due to deformation of the vertical slide:
  - Insert  $L=0,1$  m and  $z=0,35$  into the left diagram, see on page 13 (the distance to the centre of gravity TP1). In case  $a=60$ , use the solid curve lines.
  - Then you will get a point that lies between curve 1 and curve 3 (closer to curve 3).
  - According to the table  $a=60$  the deflection will be between 0,05 and 0,1 mm. It is estimated at 0,08 mm. This is the deflection in the centre of gravity TP1 per 10 kg load.
  - The deflection at 43 kg is:  $0,08 \times 43/10 = 0,34$  mm
  - The deflection of the contact device is then (due to proportionality):  $0,34 \times 0,33/0,35 = 0,32$  mm.
  - 0,33 is the distance to the contact device
  - 0,35 the distance to TP1.
2. Deflection due to deformation of the horizontal slide:
  - Insert in  $L=0,4$  m and  $z=0,17$  m into the diagram on the right, see on page 13 (the distance to the centre of gravity TP2).
  - Then you will get a point indicating a deflection between 0,05 and 0,1 mm. It is estimated at 0,07 mm. This is the deflection of the centre of gravity TP2 per 10 kg load.
  - The deflection at 100 kg is:  $0,07 \times 100/10 = 0,7$  mm
  - The deflection of the contact device is then (due to proportionality):  $0,07 \times 0,33/0,17 = 1,36$  mm.
  - 0,33 is the distance to the contact device
  - 0,17 is the distance to TP2.
  - The total deflection of the contact device is then at  $L_{max}$   $1,36 + 0,32 = ca 1,7$  mm.



Lying horizontal mounting. Change of the centre of gravity in the Y-direction. The slide profile bends.



Lying horizontal mounting. Change of the centre of gravity in the X-direction. The slide profile twists.

**Example 5:**

A lying horizontal slide with  $L_{max} = 0.4$  m is loaded with 50 kg. The distance between the mounting screws is 60 mm. The displacement of the centre of gravity in the y direction = 0.17 m and in the x direction 0.4 m.

- Deflection ( $d_{zy}$ ) at lying horizontal mounting with displacement of the centre of gravity in the y direction.
  - Insert  $L=0.4$  m and  $y=0.17$  into the diagram on the left, on page 13.
  - Then you will get a point lying on curve 3.
  - According to the table  $a=60$  the deflection will be 0.1 mm. This is the deflection per 10 kg load.
  - Deflection ( $d_{zy}$ ) at 50 kg is:  $0,1 \times 50/10 = 0,5$  mm
- Deflection ( $d_{zx}$ ) at lying horizontal mounting with displacement of the centre of gravity in the x direction.
  - Insert  $L=0,4$  m and  $x= 0,4$  m into the diagram on the right on page 13.
  - Then you will get a point indicating a deflection between 0,25 and 0,5 mm. It is estimated at 0,35 mm. This is the deflection per 10 kg load.
  - The deflection ( $d_{zx}$ ) at 50 kg is:  $0,35 \times 50/10 = 1,75$  mm
  - The total deflection ( $d_z$ ) at the centre of gravity of the load is:  $d_{zy}+d_{zx} = 0,5 + 1,75 = 2,25$  mm.
  - The deflection at other points of the load is approximately proportional to the distance of the runner in the y and x direction.

## 4.5 Slide transfer

### Current consumption of electric motor and limit to self-braking

The current consumption is linearly depending on the load. In the table the current consumption is indicated for different gear ratios at idle running, full load and sliding. The table shows max load at self-braking of the motor worm gear.

Gear ratio for max speed (cm/min)	Total gear ratio, motor armature - slide runner (r.p.m.)	Current consumption			Max load at self-re-tarding (N)
		Idle running	Load 1500 N	Sliding *1)	
70	15,4	1,25	1,80	2,60	>1500
175	620	1,25	2,75	3,50	1000

\*1) Adjustable, see on page 16.

## 5 INSTALLATION

*The installation must be executed by a professional.*



### WARNING

*Incorrect installation of the servo slide or incorrect fitting of the load on the slide can cause damage to the machine and injure people.*

### 5.1 Connections of the runner

For the attachment of the load there are four M12 holes on the runner at a spacing of 60 mm for M12 screws or M10 Allen screws with washer.

### 5.2 Connections of the slide profile

For the attachment on a carrier there are holes  $\varnothing$  13 at a spacing of 60 mm for M12 Allen screws or M10 Allen screws with washer.

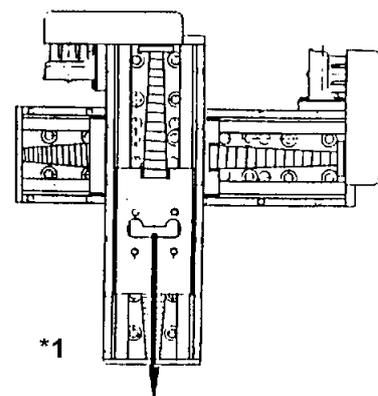
Connect the slide to a suitable drive unit.

### 5.3 Fitting of vertical cross saddle

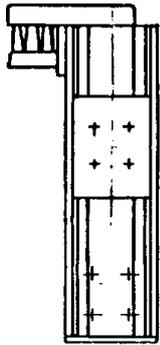
The vertical cross saddle can be mounted in several ways. For heavy loads the vertical slide is to be fitted next to the load to lessen the pressure on the back slide runner.

Recommended fitting for heavy loads: no torque on the back slide runner.

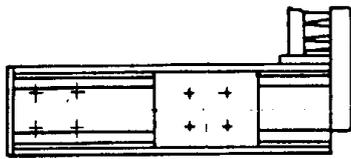
The different mounting positions of the slide are: vertical position, standing horizontal and lying horizontal position.



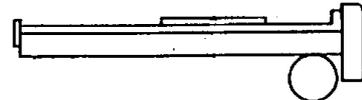
\*1. Load



Vertical mounting



Standing horizontal mounting



Lying horizontal mounting

## 5.4 Recommended way of lifting servo slides

The dead weight of most slides is so low that manual lifting can take place. For slides with an adjustable length over 540 mm and for assembled cross saddles an approved lifting device should be used.

**NOTE.** The runner must not be used for lifting.

Lifting points can be fitted in the holes on the slide profile. In exceptional cases a soft lifting loop round the slide profile can be used. The loop must be properly secured so as to prevent slipping.

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## 6 OPERATION

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**General safety regulations for the handling of the equipment can be found on page 4. Read through before you start using the equipment!**



### WARNING

*Rotating parts can cause injury, take great care.*



### 6.1 Changing the speed range



### WARNING

*Falling load can cause damage.  
When replacing the belt or the belt pulley the load must be secured.*

## Replacing the belt pulley

Before starting the work, secure the load by running the slide/load to the bottom position in order to prevent the load falling.

Max speed	Wheel on motor shaft	Wheel on ball screw	Motor
70 cm/min	19 teeth	30 teeth, for slip coupling	shaft journal, length 25 mm
175 cm/min	30 teeth, for slip coupling	19 teeth	shaft journal, length 25 mm
110 cm/min	30 teeth, for slip coupling	30 teeth	shaft journal, length 25 mm

When replacing the pulley, turn the cover plate between the motor and the motor bracket so that the mounting holes get covered.

**NB.** When mounting or dismounting the belt pulley with the slip coupling the lubricated cup springs must not get into contact with the friction surface of the pulley, friction ring or friction stop.

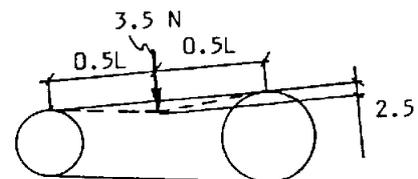
## Adjusting the friction moment

- Tighten the centre screw 3/4 turn after the position where the cup springs start working.
- The friction moment can be decreased as necessary (for instance to lessen the friction current) by tightening the centre screw less than 3/4 turn.

**NB.** The friction moment must not be set higher as this can cause damage to the slide in the event of blocking.

## Adjusting the tension of the belt

The belt **must** be replaced at least every 5 years, or as necessary.



- Make sure the load is secured when performing a piece of work.
- Dismount the belt protection.
- Loosen the motor. In case the pulley with the slip coupling is fitted on the motor shaft the belt drive must first be dismantled (in order that the mounting screws of the motor become accessible), and then remounted again.
- Move the motor sideways until the belt is so tense that a force of 3,5 N applied on the belt right between the pulleys gives a deflection of 2,5 mm.
- Tighten the mounting screws of the motor.
- When the pulley with the slip coupling is on the motor shaft, turn the pulley (slip coupling loosened) until the notch in the edge comes just opposite the screw fitted between the belt sides. Tighten the screw.
- Dismount the belt pulleys to make it possible to tighten the other screws.
- Fit the belt drive and adjust the slip coupling.
- Put back the belt protection.

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## 7 MAINTENANCE

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*Regular maintenance is important for safe, reliable operation.*



### CAUTION

*All guarantee undertakings from the supplier cease to apply if the customer himself attempts any work in the product during the guarantee period in order to rectify any faults.*

### 7.1 Daily:

- Blow the slide clean from flux and dust.

### 7.2 Every month:

- Check the tooth belt and replace as necessary.

Note that the belt **must** be replaced at least every 5 years.

**NOTE.** This is a safety requirement at vertical mounting position as the load of the slide will fall down in case of a belt rupture.

When replacing the belt or the belt pulley the load must be secured. Read the pages 16 - 16.

### 7.3 Every year

- Make sure the slip coupling is adjusted to the right slipping torque. See the pages 16 - 16.

### 7.4 As necessary

- Lubricate the telescope bellows with molybdendisulfide.

#### Lubrication of the slip coupling.

- Lubricate the cup springs and the smallest inside diameter of the pulley using molybdendisulfide.

**NB.** *The lubricant must not get into contact with the friction surfaces of the pulley, the friction ring or the friction stud.*

#### Replace wear parts of the slip coupling.

- Replace the friction ring and/or the cup spring.
- Lubricate according to above recommendations.

#### Adjust the friction moment (see also Operation on page 16).

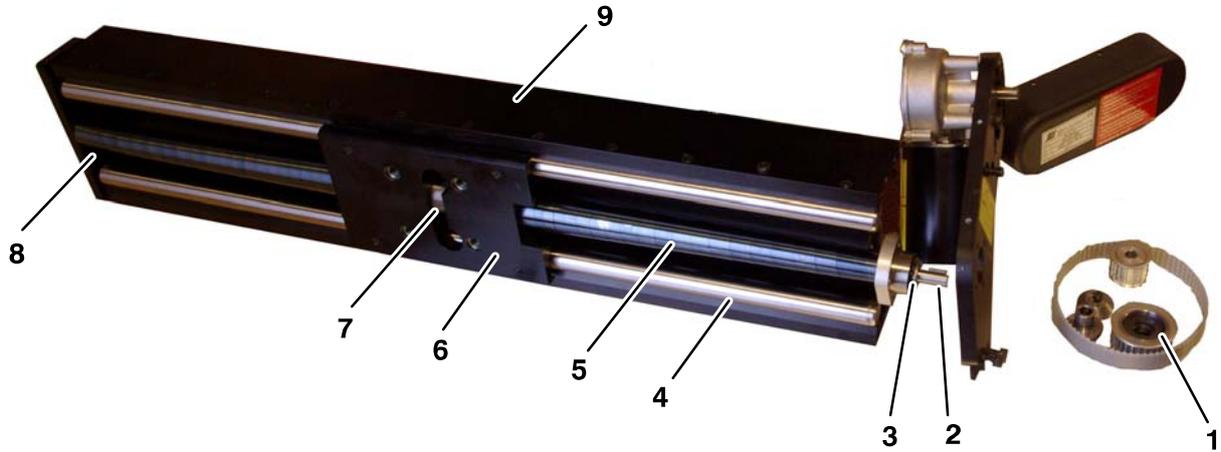
- Tighten the centre screw of the slip coupling 3/4 turn after the position where the cup springs start working.

### 7.5 In case of a long standstill

- Lubricate the unprotected surfaces of the steel shafts to avoid corrosion.

- **NB.** Molybdendisulfide must not be used.
- Anti-corrosives in spray packing is recommended to make it possible to reach even hidden surfaces.

### 7.6 Changing linear bearings.



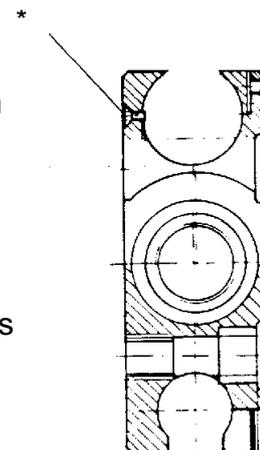
- |                    |              |                 |
|--------------------|--------------|-----------------|
| 1 Belt pulley      | 5 Ball screw | 8 End washer    |
| 2 Wedge            | 6 Runner     | 9 Slide profile |
| 3 Ball bearing nut | 7 Ball nut   | 10 Ball bushing |
| 4 Steel shaft      |              |                 |



The linear bearings of the slide consist of two steel shafts (4) and four ball bushings (10).

### Changing ball bushings ( 10)

1. Dismount the belt pulley (1), the wedge (2), the ball bearing nut (3) with the locking washer and the end washer (8) from the ball screw.
2. Draw out the runner (6) with ball screw (5).
3. Press the ball bushing (10) out of the runner (6) using a screwdriver.
4. Mount the new ball bushing (10) by compressing it until it fits into the locking screw.
5. Make sure the locking screw goes into the guide hole of the ball bushing (10).



Replace the other ball bushings in the same way.

*\* Locking screw*

### Replacing the steel shafts (4)

1. Dismount the end washer (8).
2. Undo all the screws from the slide profile (9) holding the steel shaft (4).
3. Draw out the defective steel shaft (4) from the runner's ball bushings (10).
4. Grease the ball bushings (10) with ball bearing grease.
5. Slide the new steel shaft (4) into the respective ball bushings, with the screw holes towards the slide profile.

6. Apply Loctite 242 to the screws and tighten, torque 10 Nm.

Insert the other steel shaft in the same way.

Mount the end washer.

### Replacing the ball screw (5) with nut

1. Dismount the belt pulley (1), the wedge (2), the ball bearing nut with locking washer (3) and the end washer (9) from the ball screw.
2. Draw out the runner (6) with ball screw (5) from the steering.
3. Unscrew the ball nut (7) out of the runner (6) using pliers in the runner cutout.
4. Apply Loctite 222 on the thread of the new ball nut and screw the ball nut (7) (ball screw fitted) into the runner (6).
5. Fit the runner (6) with the ball screw into the steering and bearing.

Fit the remaining parts.

---

## 8 ORDERING OF SPARE PARTS

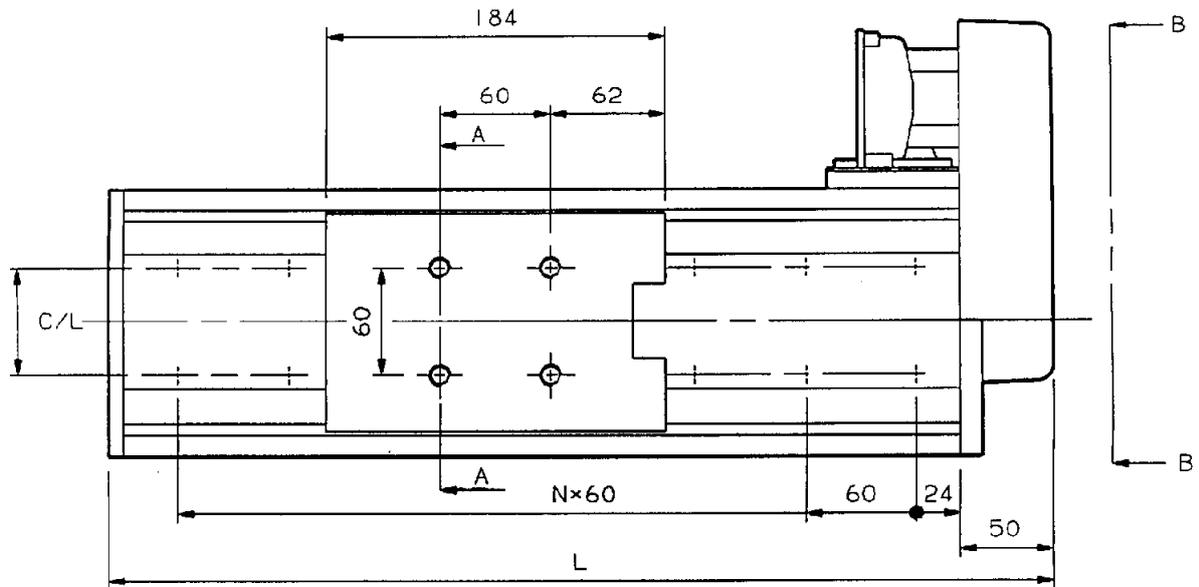
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*Repair and electrical work should be performed by an authorized ESAB serviceman.  
Use only ESAB original spare and wear parts.*

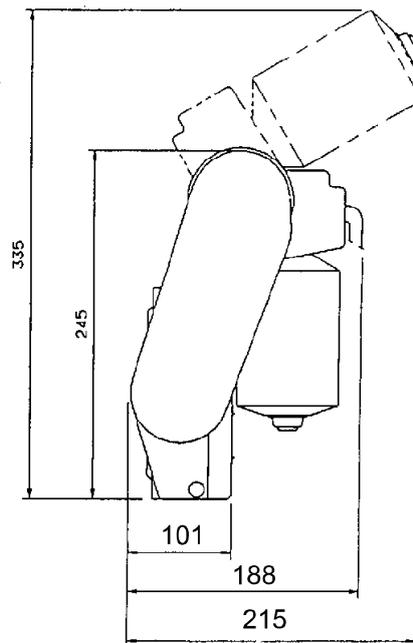
**A6 Slide is designed and tested in accordance with the international and European standards EN 60204-1, EN 1050, EN 12100-2 and EN 60974-10. It is the obligation of the service unit which has carried out the service or repair work to make sure that the product still conforms to the said standard.**

Spare parts may be ordered through your nearest ESAB dealer, see the last page of this publication.

# Dimension drawing



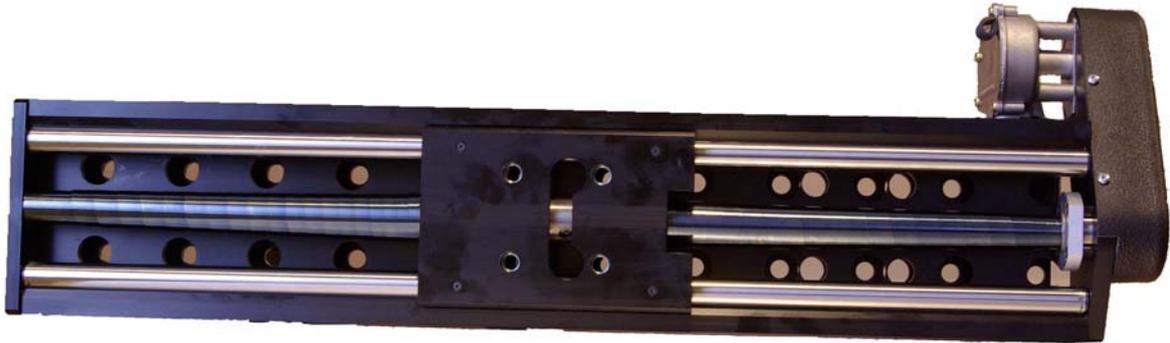
	60	120	180	240	300	420	540	730	1030
<b>L</b>	305	365	425	485	545	667	785	1025	1385
<b>N</b>	3	4	5	6	7	9	11	14	21



B-B

## Slide

### Ordering number



Ordering no.	Denomination	Notes	Max Speed
0334 333 880	A6 Slide	Setting lenght = 60 mm	70cm/min
0334 333 881	A6 Slide	Setting lenght = 120 mm	70cm/min
0334 333 882	A6 Slide	Setting lenght = 180 mm	70cm/min
0334 333 883	A6 Slide	Setting lenght = 240 mm	70cm/min
0334 333 884	A6 Slide	Setting lenght = 300 mm	70cm/min
0334 333 885	A6 Slide	Setting lenght = 420 mm	70cm/min
0334 333 886	A6 Slide	Setting lenght = 540 mm	70cm/min
0334 333 887	A6 Slide	Setting lenght = 730 mm	70cm/min
0334 333 888	A6 Slide	Setting lenght = 1030 mm	70cm/min
0334 333 924	A6 Slide	Setting lenght = 300 mm	330 cm/min
0334 333 940	A6 Slide	Setting lenght = 60 mm *)	70cm/min
0334 333 941	A6 Slide	Setting lenght = 120 mm *)	70cm/min
0334 333 942	A6 Slide	Setting lenght = 180 mm *)	70cm/min
0334 333 943	A6 Slide	Setting lenght = 240 mm *)	70cm/min
0334 333 944	A6 Slide	Setting lenght = 300 mm *)	70cm/min
0334 333 945	A6 Slide	Setting lenght = 420 mm *)	70cm/min
0334 333 946	A6 Slide	Setting lenght = 540 mm *)	70cm/min
0459 839 055	Spare parts list		

\*) *Optical pulse generator*

The spare parts list is available on the Internet at [www.esab.com](http://www.esab.com)

## Slide

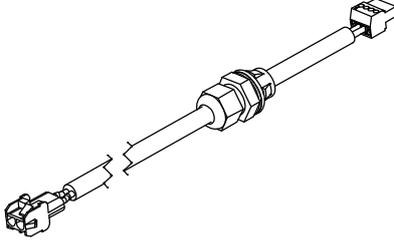
### Wear parts

Ordering no.	Denomination	Notes
0334 342 001	Cog belt	L400 / 80T



## Slide

### Accessories

	<b>Motor cable, A6 Slide - Control box A6 GMH, A6 PAV and A6 FAA</b>	
	2 m .....	0460 745 880
	5 m .....	0460 745 881
	10 m .....	0460 745 882
	16 m .....	0460 745 883
	19 m .....	0460 745 884
	22 m .....	0460 745 885
	25 m .....	0460 745 886
	28 m .....	0460 745 887
	32 m .....	0460 745 888
	35 m .....	0460 745 889



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