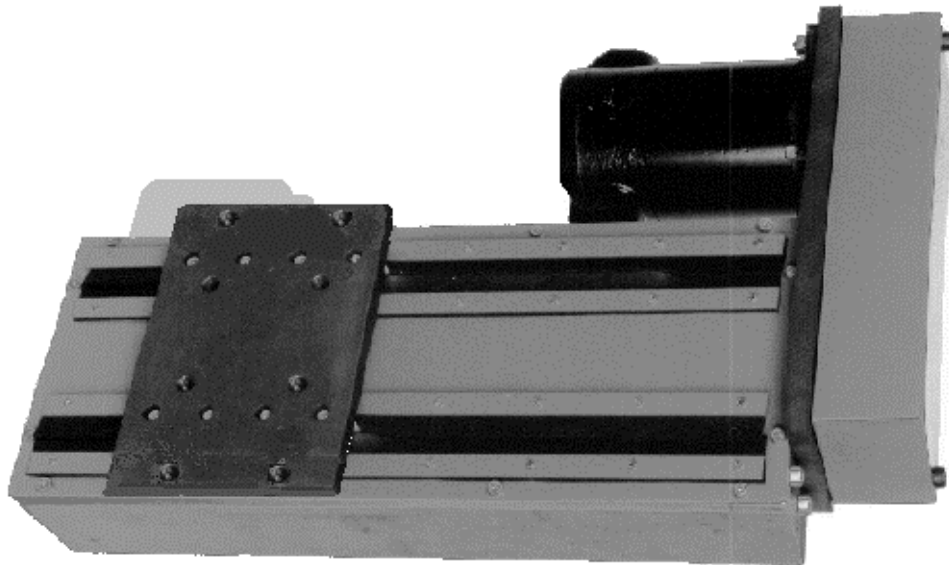


SLIDE

SLIDEMATIC M100E / M200E

SAFETY INSTRUCTIONS FOR USE AND MAINTENANCE

DEVICE No W000276817
W000315480
W000271181
9530 3011
9530 3012



EDITION: EN
REVISION: I
DATE: 05-2018

Instructions for use

REF: **8695 6844**

Original instructions

Thank for the trust you have expressed by purchasing this equipment, which will give you full satisfaction if you follow its instructions for use and maintenance.

Its design, component specifications and workmanship comply with applicable European directives.

Please refer to the enclosed CE declaration to identify the directives applicable to it.

The manufacturer will not be held responsible where items not recommended by themselves are associated with this product.

For your safety, there follows a non-restrictive list of recommendations or requirements, many of which appear in the employment code.

Finally we would ask you kindly to inform your supplier of any error which you may find in this instruction manual.

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A - IDENTIFICATION

Please enter the number of your equipment in the following box.
Quote this information in all correspondence.

0000 ← 4

CE Type

000000000000 ← 5

Matricule

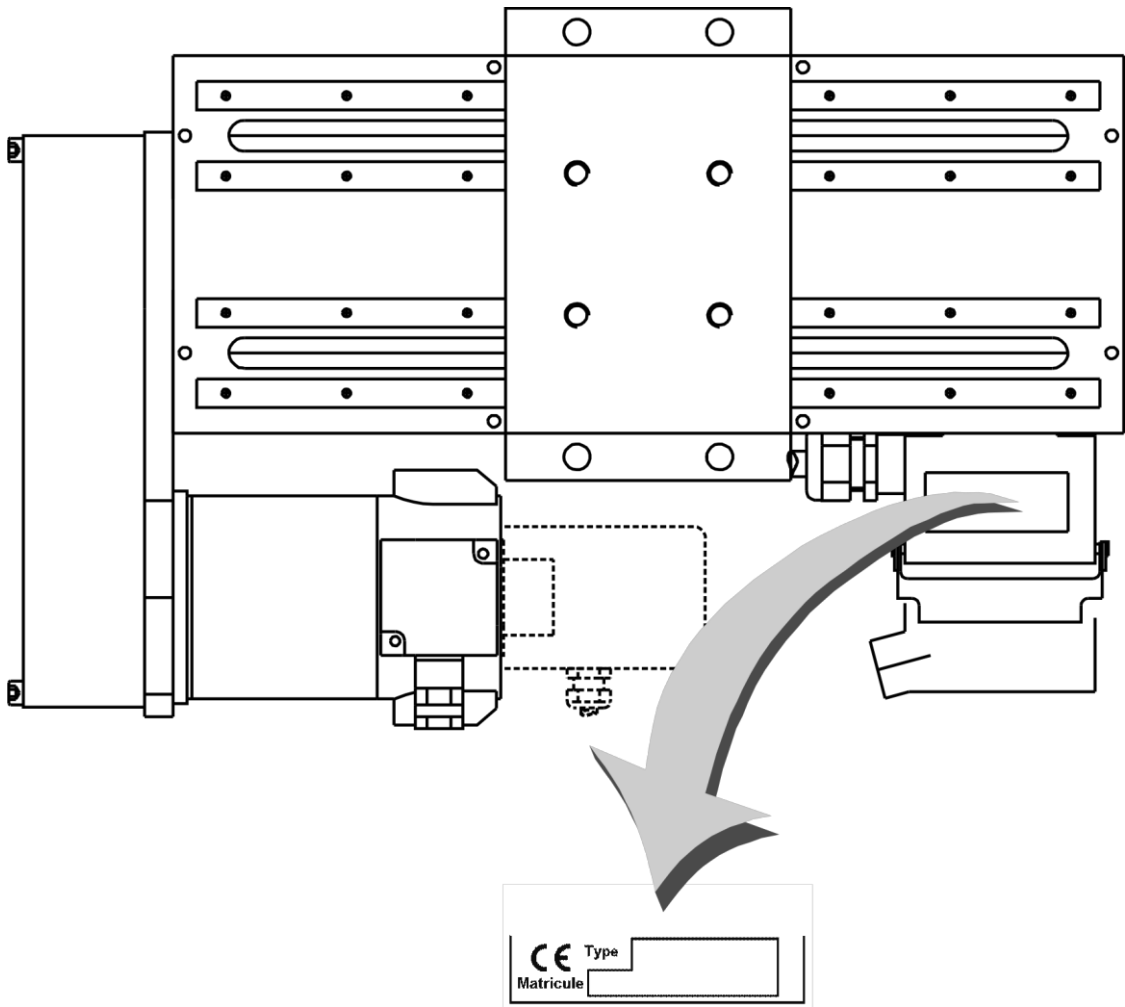
0036X000000

1

2

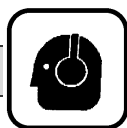
3

1	Manufacturing factory code	4	Year manufactured
2	Manufacturing year code	5	Product type
3	Product serial no.		



B - SAFETY INSTRUCTIONS

For general safety instructions, please refer to the specific manual supplied with the equipment.



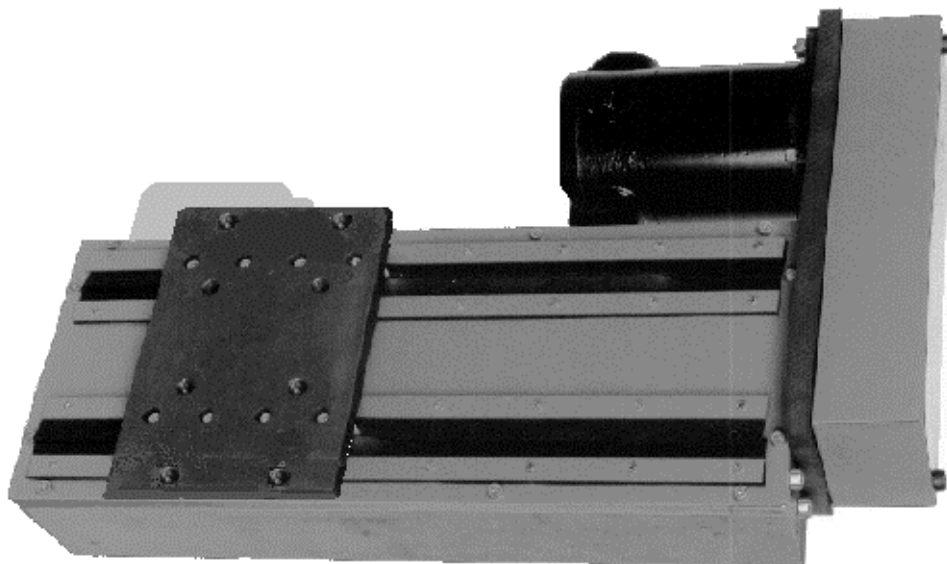
AIRBORNE NOISE

Please refer to the specific manual supplied with the equipment.

PARTICULAR SAFETY INSTRUCTIONS

- The torch slide assembly must be solidly attached to a rigid support using 4 screws M10 with a pitch of 60.
- No obstacle must hamper the movement of the sliding block or of the parts attached to it.
- Respect the safe working loads on the sliding block.
- The loads must be solidly attached to the sliding block.

C - DESCRIPTION



In its standard version, the slide is fitted with a DC motor.

42 V A77 (W000276817 and W000315480)

42 V SANYO with tachometer (W000271181)

42 V BRUSHLESS (.570 0187)

The slide consists of :

- an aluminium-moulded slide body
- a ball guiding system,
- a pulley/belt drive,
- 2 end limit switches

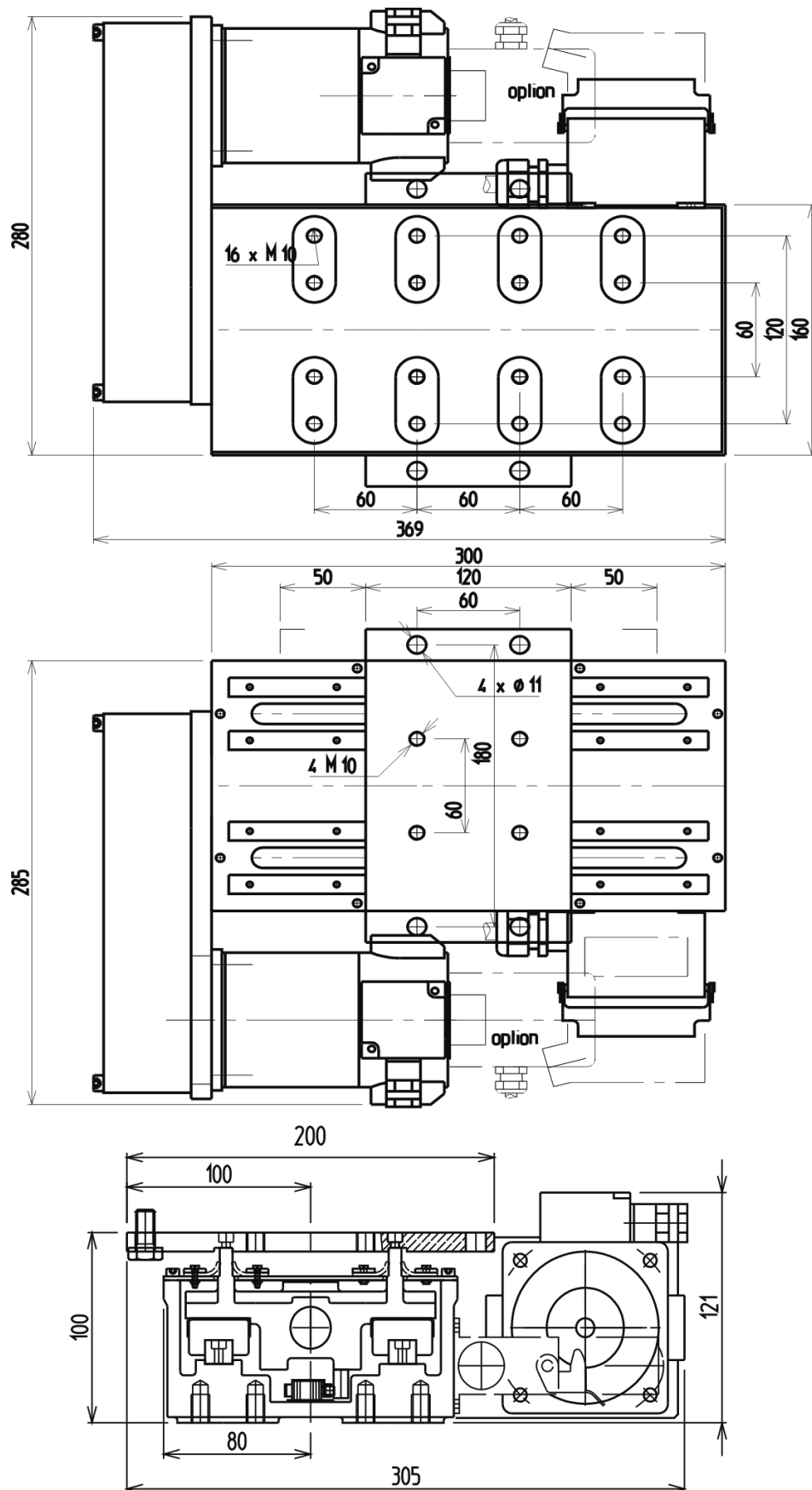
Optional:

=>9120 8200 (for W000276817 - W000315480)

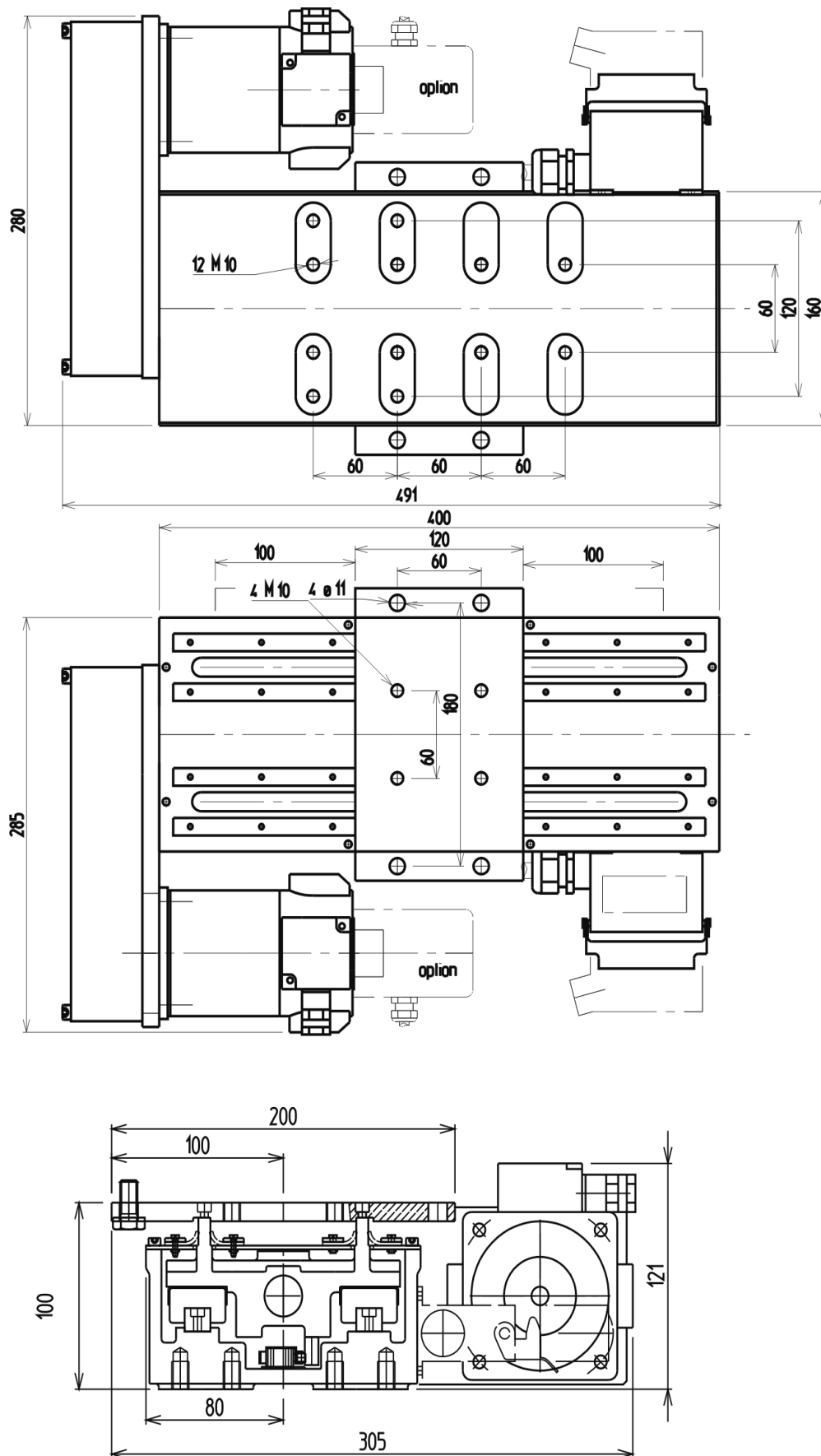
- A tachometer generator, n° 9120 8200 for connection to a speed regulation device (for the C100 it is necessary to replace the connector by a cable gland).

1 - TECHNICAL CHARACTERISTICS

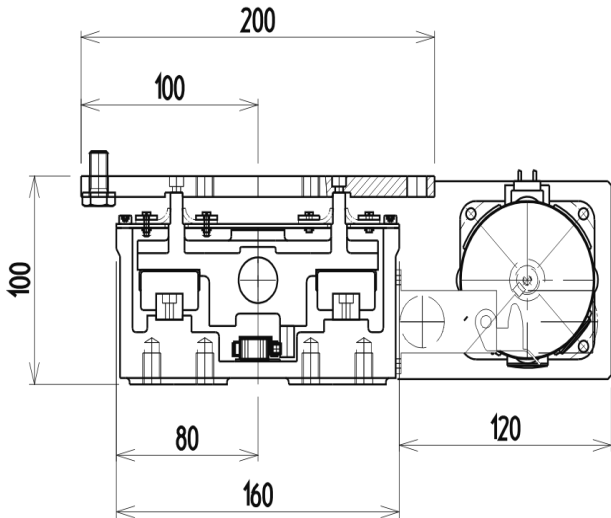
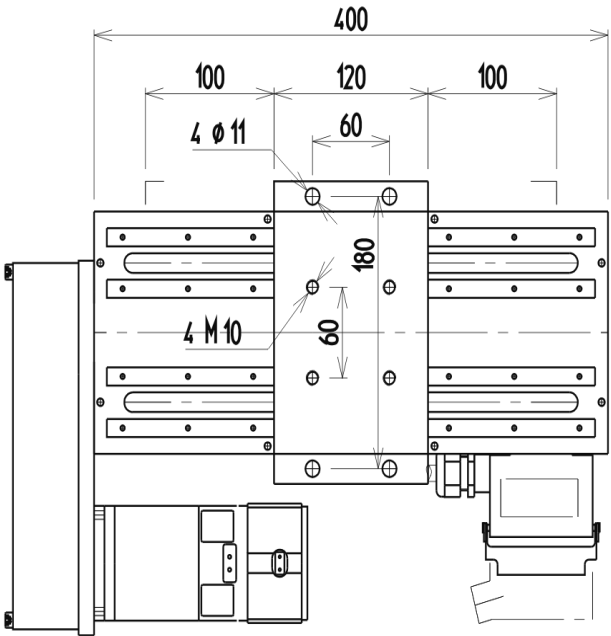
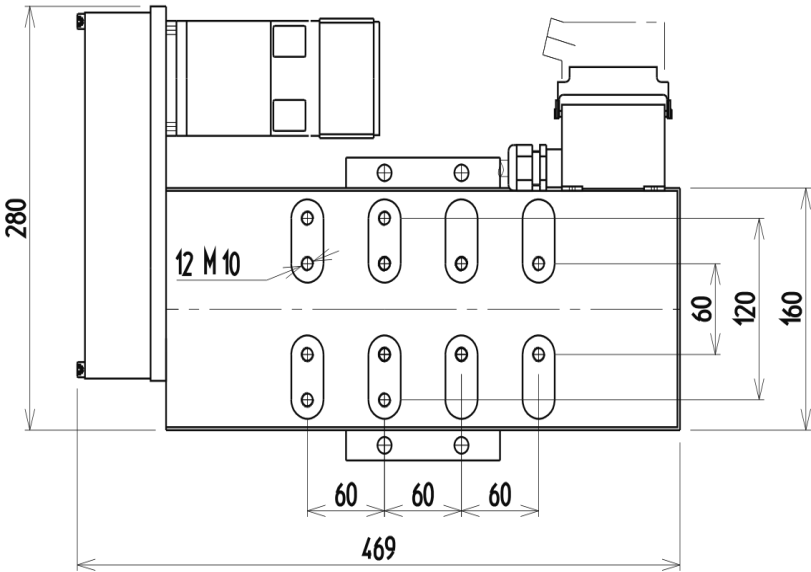
W000276817 C=100



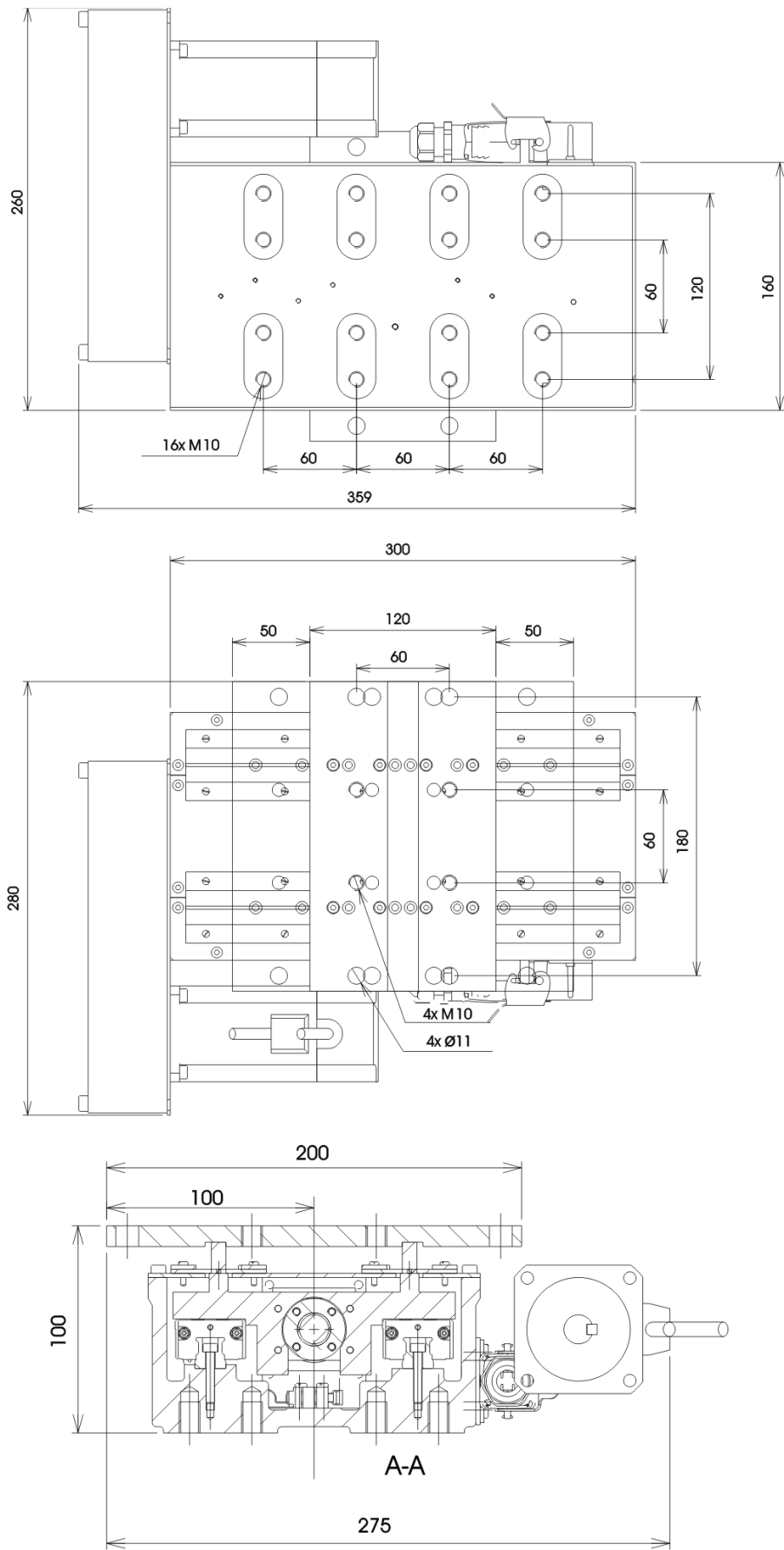
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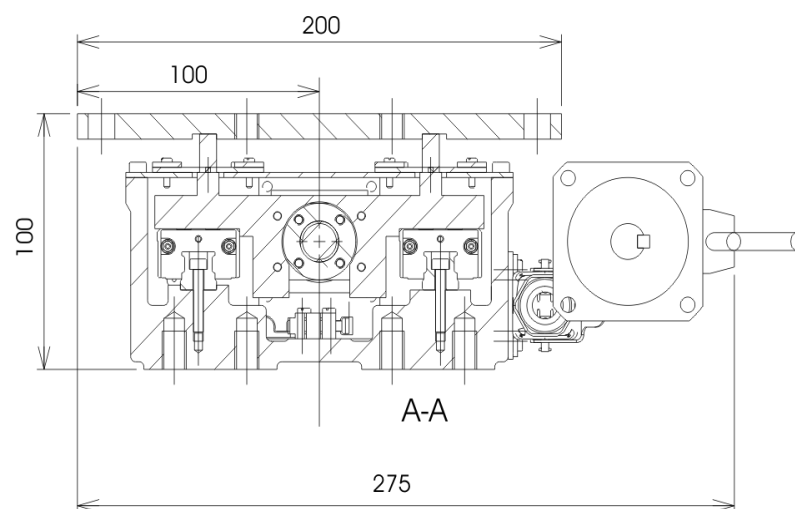
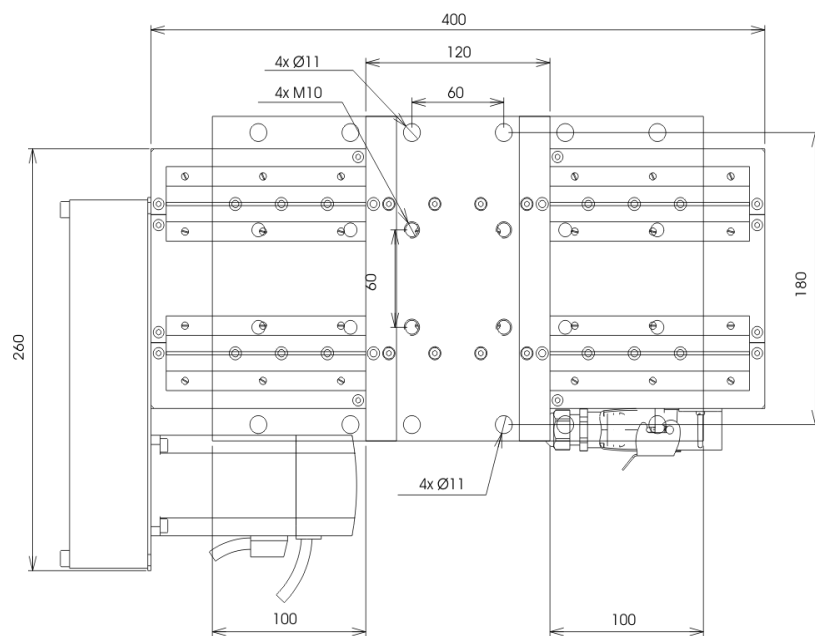
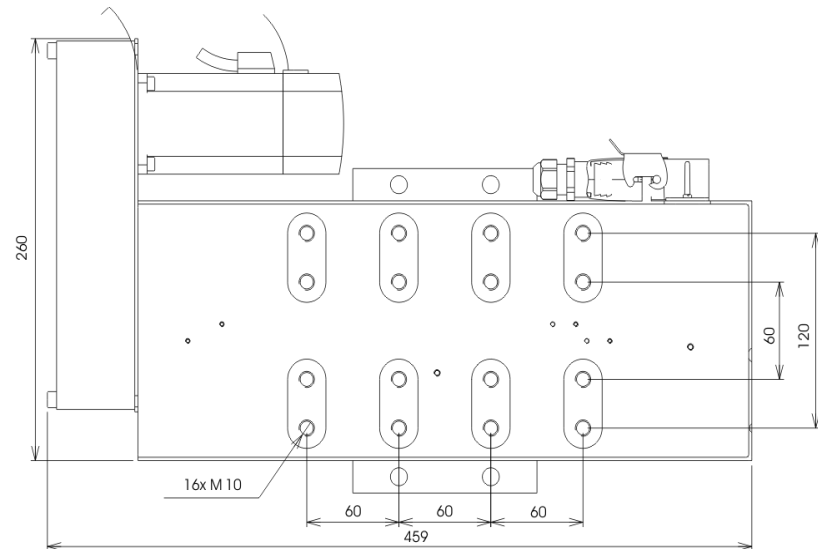
W000271181 C=200



9530 3011 C=100



9530 3012 C=200



	Length	Width	Height	Weight
SLIDEMATIC M100	369	305	121	13Kg
SLIDEMATIC M200	491	305	121	15Kg
SLIDEMATIC M200 Sanyo	469	300	100	15Kg
SLIDEMATIC M100 3A	359	275	100	15Kg
SLIDEMATIC M200 3A	459	275	100	16Kg

2 - ATTACHMENT

Attachment to the machine or to another slide is by M10 screws (threaded holes on slide body).

Load attachment on the sliding block is made by :

- 4 M10 holes, pitch 60x60 mm or by
- 4 smooth holes, pitch 60x180 mm

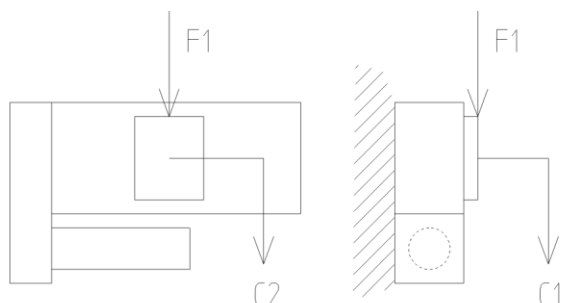


When the load is fixed by means of 4 M10 holes, the threaded part of the fastening screws should not exceed 10 mm. Otherwise, the sliding block may become stuck.

3 - MAX. LOADS AND TORQUES

ACCORDING TO SLIDE ATTACHMENT

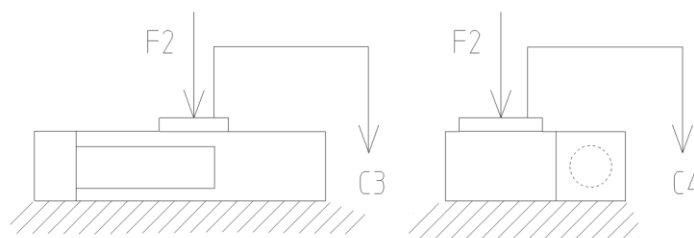
①	Slide fixed horizontally on a vertical plane.	③	Slide fixed flat, hanging under a horizontal plane.
②	Slide fixed flat on a horizontal plane, resting on the support.	④	Slide fixed vertically on a vertical plane.



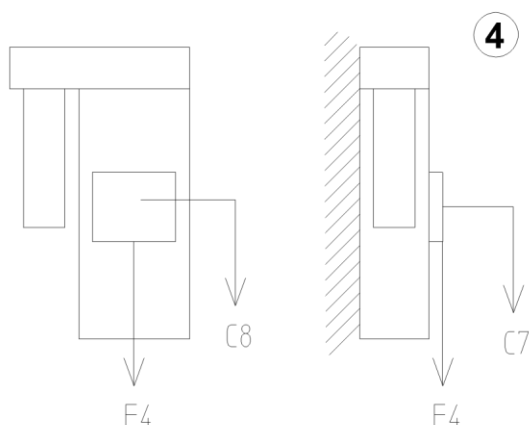
* **F1 = 150 daN**
C1 = 30 m. daN
C2 = 30 m. daN

①

②



* **F2 = 150 daN**
C3 = 40 m. daN
C4 = 40 m. daN



* **F4 = 50 daN**
C7 = 20 m. daN
C8 = 20 m. daN

④

③

* **F3 = 100 daN**
C5 = 30 m. daN
C6 = 30 m. daN

* Standard values given with reservation. These may vary according to motor power supply mode.

4 - SPEED

Motor A77 :

The pinion/belt reduction ratio is $48 / 12 = 4$

The trapezoidal screw has a 2 mm pitch

Motor: 5000 rpm

Max. displacement: 2500 mm/min

For a displacement speed of 1500 mm/min, adjust motor speed to 3000 rpm

Motor SANYO :

The pinion/belt reduction ratio is : $20 / 48 = 5 / 12$

The trapezoidal screw has a 2 mm

Motor : 1000 tr/mn

Max. displacement : 833 mm/mn

Motor 3A :

The pinion/belt reduction ratio is : $20 / 48 = 5 / 12$

The trapezoidal screw has a 2 mm

Motor : 3000 tr/mn

Max. displacement : 2500 mm/mn

5 - CONNECTION

Motor A77

Supply voltage by MOTOVAR MV 20 ref : W000140676

Motor SANYO

Supply voltage by MOTOVAR MV 20 ref : 9109 6220

Power: 180 W

Motor 3A

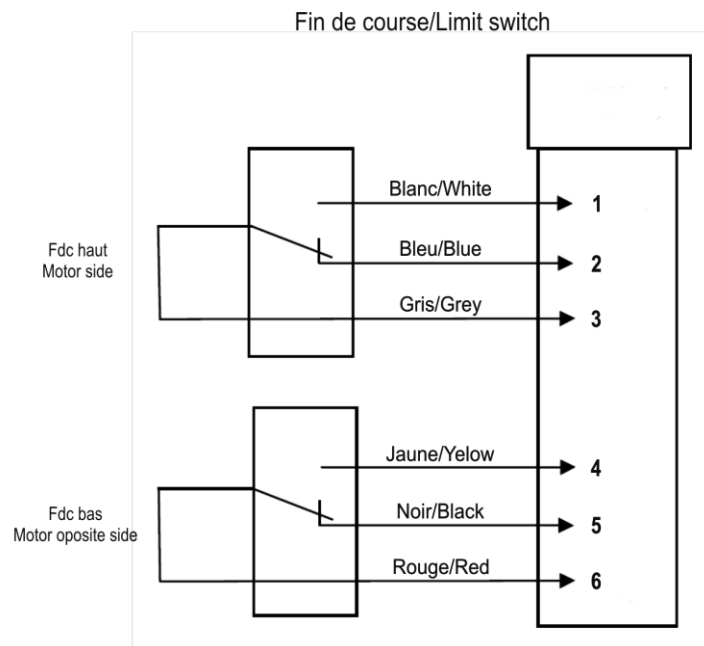
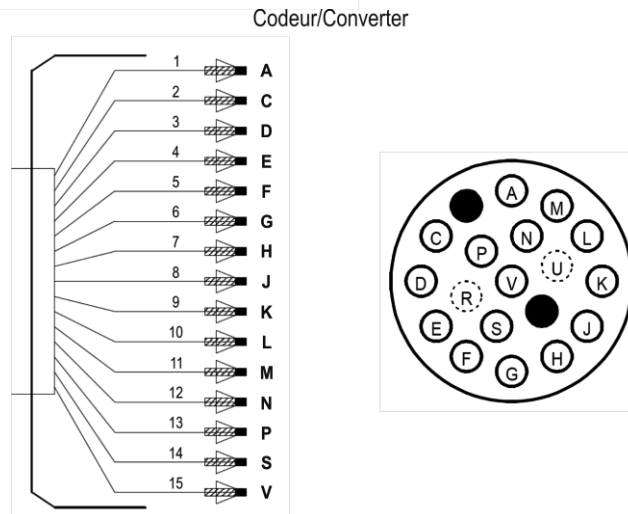
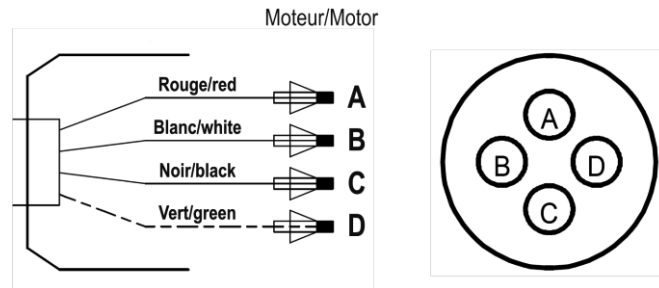
Supply voltage by MOTORPACK 3A 48Vdc ref : 9530 7802

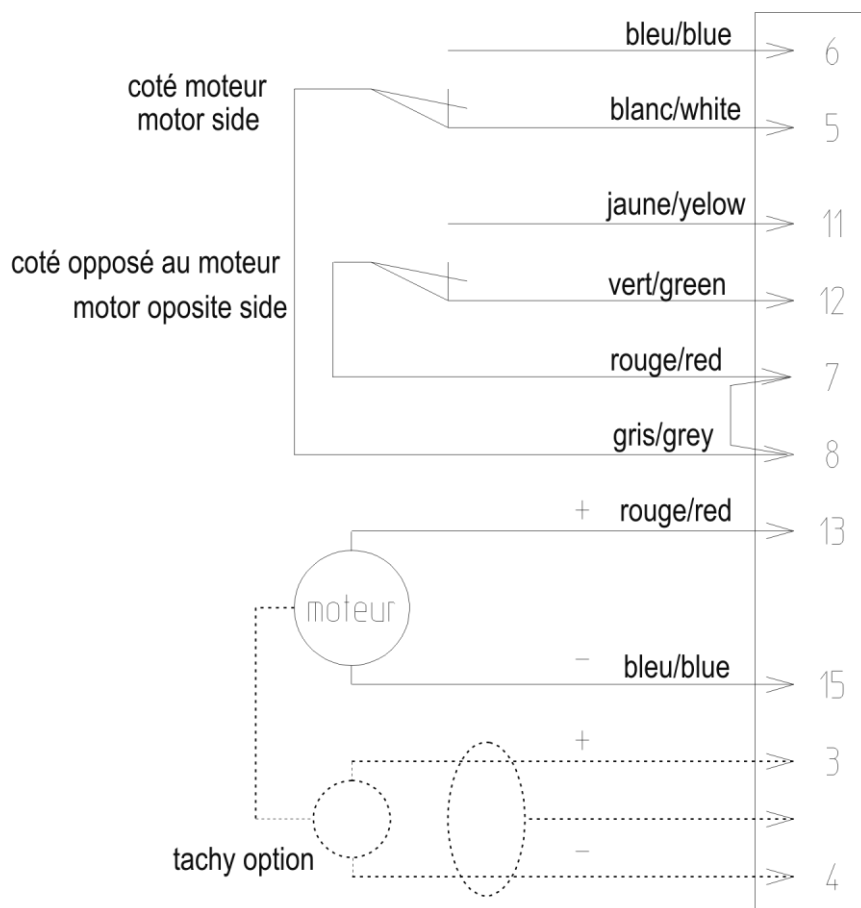
Power: 300 W

For the reference of the translation unit connecting cables, refer to the corresponding welding installation.

6 - SLIDE WIRING DIAGRAM

3A



A77 and Sanyo**7 - SERVICING**

So that the machine continues to provide good service for as long as possible, a certain minimum of care and maintenance is necessary

Lubricate periodically, depending on usage frequency, the ball bearings and drive sprocket.

We recommend using lithium soap grease, class NLGI = 2
(e.g. Type HPG from WYNN'S or MOUWAN GREASE from HAFA)

Lubricate each ball bearing once again at the operating temperature by moving it.

It is preferable to lubricate several times in small quantities.

D - SPARE PARTS

How to order:

The photographs or sketches mark nearly all the parts making up a machine or installation.

The descriptive tables comprise three types of article:

- items normally held in stock: ✓
- articles not held in stock: ✕
- items on request: without markings

(For these, we recommend that you send us a copy of the page of the spare parts list correctly filled in. Please indicate in the Order column the number of parts required and give the type and serial number of your device.)

For the items marked on the photographs or sketches not mentioned in the tables, please send us a copy of the page concerned, and underline the marking in question.

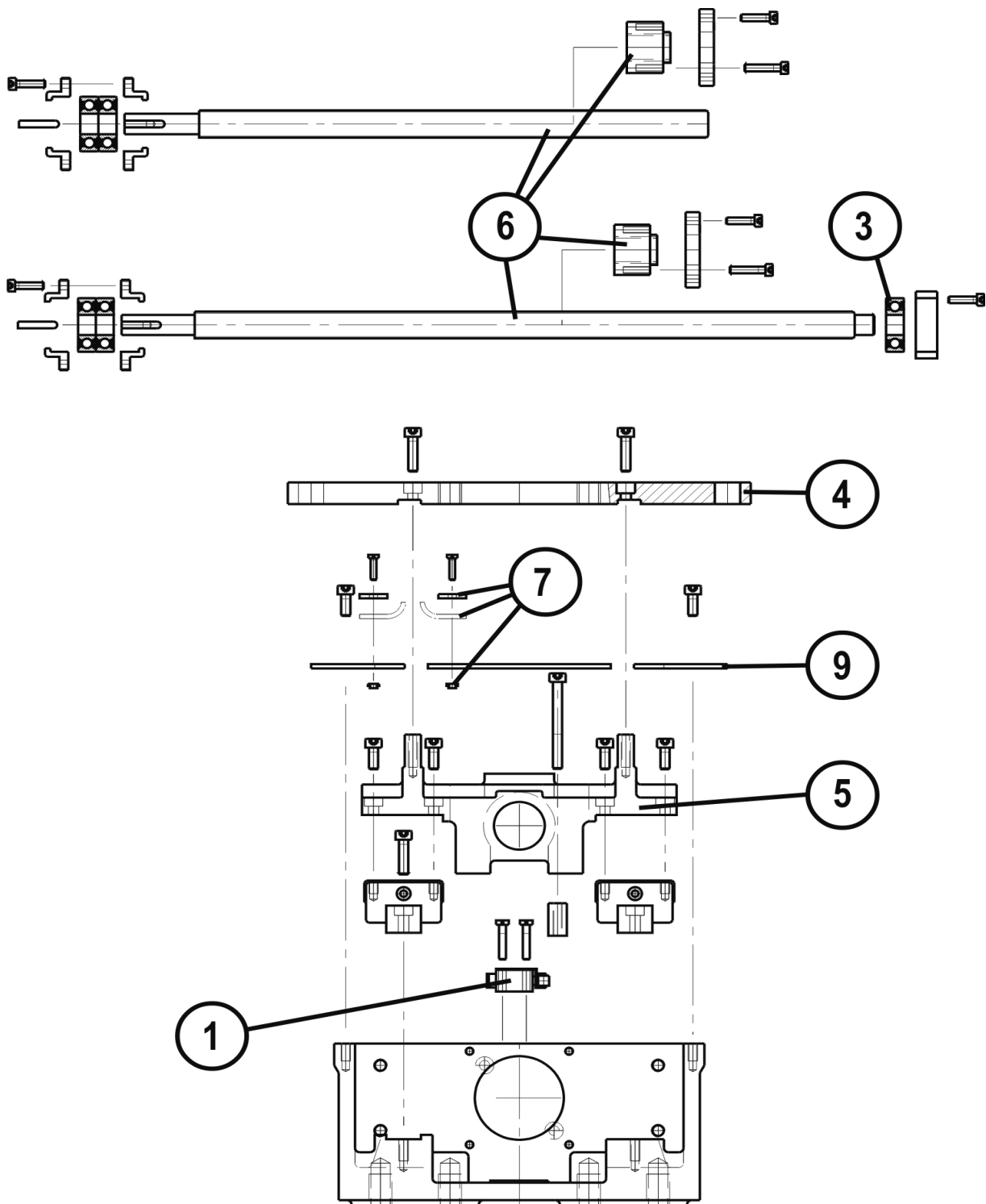
Example:

		✓	normally in stock
		✕	not in stock
			on request

Item	Ref.	Stock	Order	Designation
1	W000XXXXXX	✓		Machine interface board
2	W000XXXXXX	✕		Flowmeter
3	9357 XXXX			Silk-screen printed front panel

➤ For parts order, give the quantity required and put the number of your machine in the box below.

CE Type Matricule	TYPE : TYPE:
	Matricule : Number:

SLIDEMATIC M100E / M200E

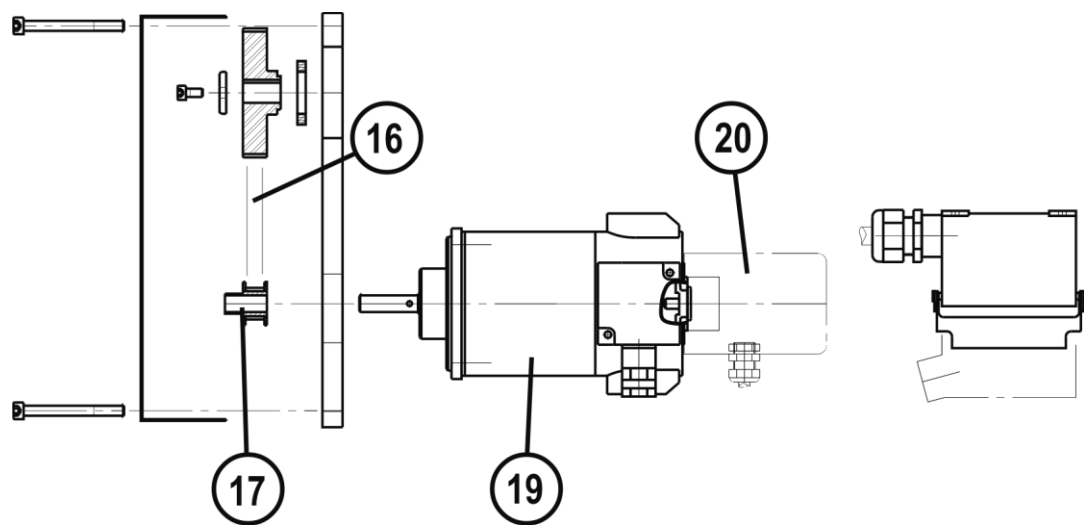
✓	normally in stock
✗	not in stock
	on request

Item	Ref.	Stock	Order	Designation
SLIDEMATIC M100E / M200E				
1	W000352100	✓		Microswitch (2 parts)
3	W000365917	✗		Bearing 6201 2RS 12x32x10
5	W000140716	✓		Sliding block
SLIDEMATIC M100E				
6	W000365994	✗		Trapezoidal screw + nut unit 16x2 C=100 mm
7 9	W000366001	✗		Rubber band 100 Rubber pressure plate 100 Threaded band M2,5
SLIDEMATIC M200E				
6	W000140718	✓		Trapezoidal screw + nut unit 16x2 C=200 mm
7 9	W000140717	✓		Rubber band 200 Rubber pressure plate 200 Threaded band M2.5

➤ For parts order, give the quantity required and put the number of your machine in the box below.

CE Type Matricule	TYPE : TYPE:
	Matricule : Number:

MOTOR A77



✓	normally in stock
✗	not in stock
	on request

Item	Ref.	Stock	Order	Designation
16	W000140719	✓		Belt 180 XL 037
17	W000352137	✓		Driving pulley 12 XL 037
19	W000164864	✓		A 77 motor
20	W000315477	✓		Tacho generator

➤ For parts order, give the quantity required and put the number of your machine in the box below.

CE

Type

Matricule

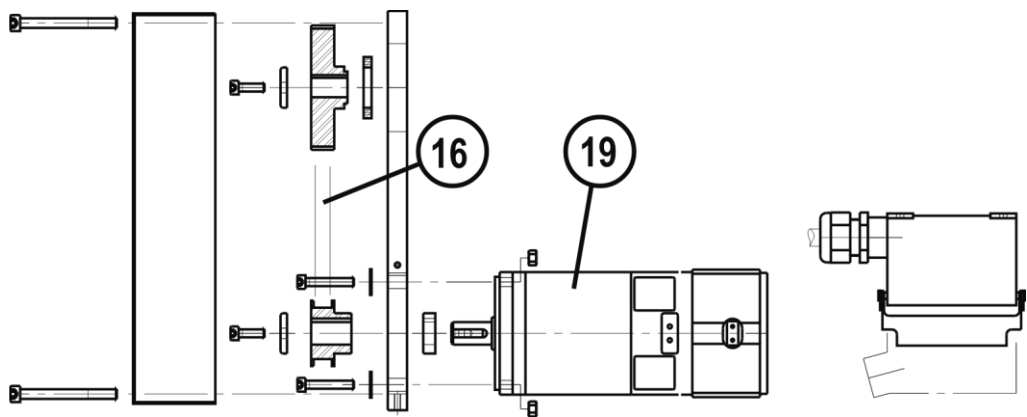
TYPE :

TYPE:

Matricule :

Number:

MOTOR SANYO



✓	normally in stock
✗	not in stock
	on request

Item	Ref.	Stock	Order	Designation
16	W000140767	✓		Belt 190 XL 037
19	W000365996	✗		Motor SANYO

➤ For parts order, give the quantity required and put the number of your machine in the box below.

CE

Type

Matricule

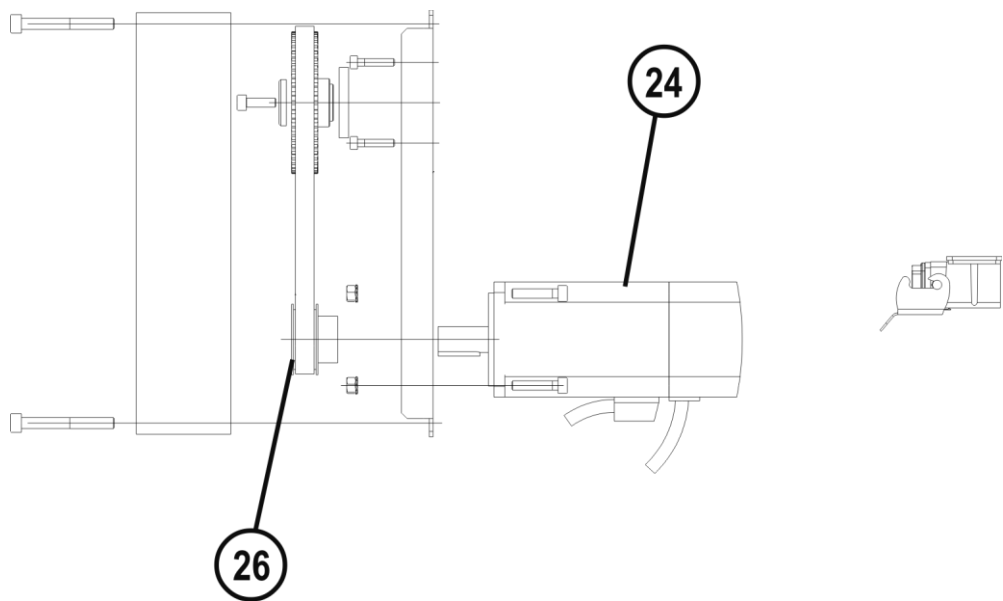
TYPE :

TYPE:

Matricule :

Number:

MOTOR 3A



✓	normally in stock
✗	not in stock
	on request

Item	Ref.	Stock	Order	Designation
24	W000276837	✓		Motor brushless 48 V 300 W
26	W000137860	✓		170 XI 037 belt

➤ For parts order, give the quantity required and put the number of your machine in the box below.

CE

Type

Matricule

TYPE :

TYPE:

Matricule :

Number:

[illegible]