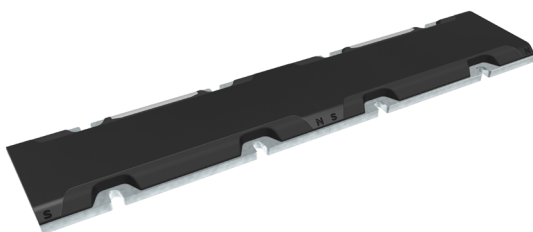


Length: 120 mm



	PARAMETER	SYM	UNIT	VALUE
THERMAL	Max. Allowed magnet plate temperature	T_{magnet}	$^{\circ}\text{C}$	90
MECHANICAL	Magnet plate weight	m_S	$\frac{\text{kg}}{\text{m}}$	7

Technical drawing of a 100 mm high profile with mounting slots. The drawing shows a side view with dimensions: top flange width 115 mm, height 106 mm, top flange thickness 5.5 mm, mounting slot width 25.2 mm, slot pitch 60 mm, bottom flange width 34.8 mm, and total width L1. A detail view shows the top flange with dimensions 33.5 mm (tolerance +0.1/-0.0), 4.9 mm, and 9.5 mm. The profile has a 100 mm height and a 100 mm width.

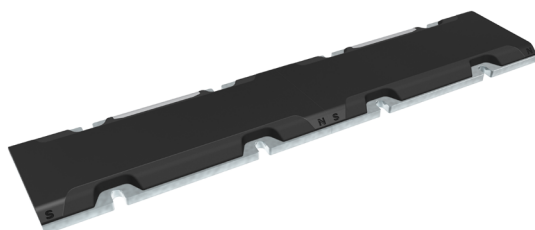
i 'N' is the number of mounting slots in the x-direction.

MPA 90	L1 [mm]	L2 [mm]	N
MPA 90 120 C	120	129,6	2

Technical drawing of a mechanical part showing surface texture specifications. The drawing includes a cross-section of a part with a width of 60. The top surface is labeled LMCA 90 and the bottom surface is labeled MPA 90. The total height of the part is 33.5 ± 0.1. The top surface has a texture specification of 0.05, and the bottom surface has a texture specification of 0.05/500. A feature A is indicated on the right side of the part.

**** We recommend using a thermally conductive paste between the forcer and heatsink to ensure a better heat transfer.**

Classic magnet plate



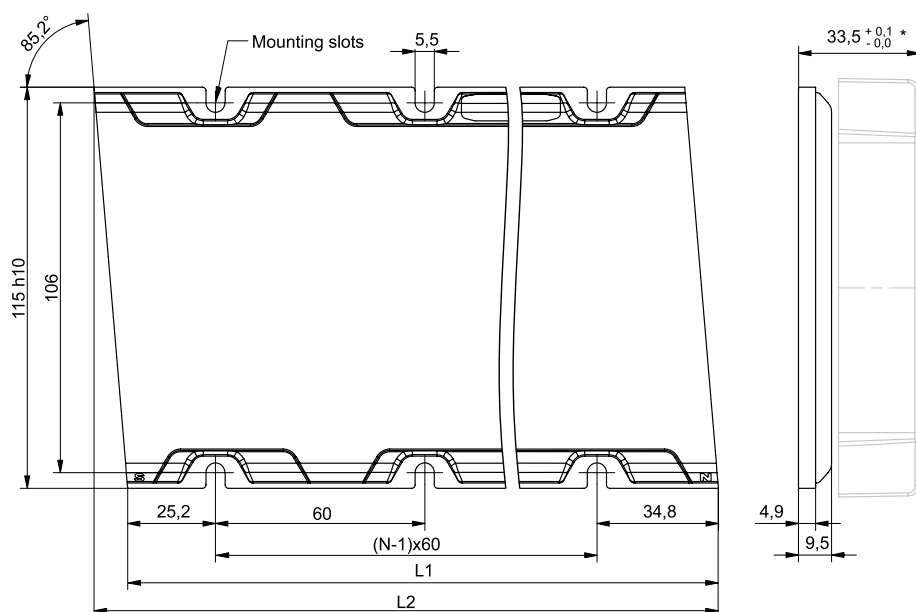
Strong rare-earth magnets

Length: 180 mm

General technical data

	PARAMETER	SYM	UNIT	VALUE
THERMAL	Max. Allowed magnet plate temperature	T_{magnet}	°C	90
MECHANICAL	Magnet plate weight	m_s	$\frac{\text{kg}}{\text{m}}$	7

Magnet plate dimensions

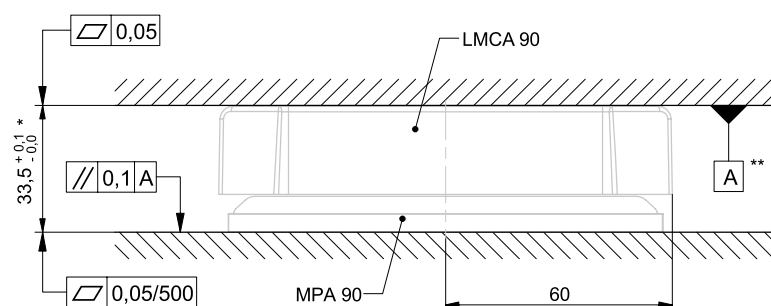


* The stated mounting height is set for the air gap of 0,6 mm.
For more information, please refer to the Linear Motors catalogue.

MPA 90	L1 [mm]	L2 [mm]	N
MPA 90 180 C	180	189,6	3

① 'N' is the number of mounting slots in the x-direction.

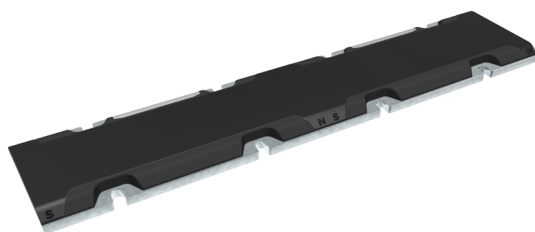
Mounting tolerances



* The stated mounting height is set for the air gap of 0,6 mm.
For more information, please refer to the Linear Motors catalogue.

** We recommend using a thermally conductive paste between the forcer and heatsink to ensure a better heat transfer.

Classic magnet plate



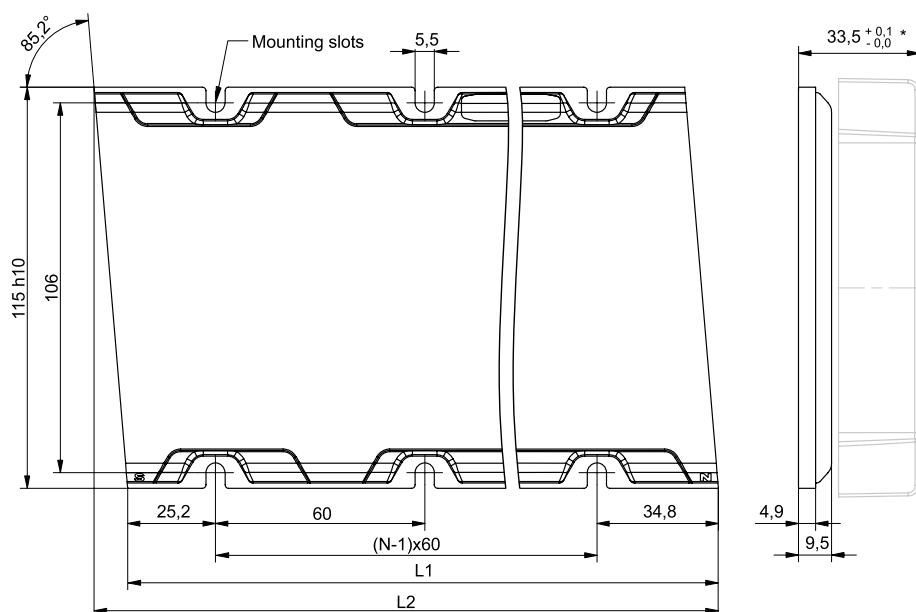
Strong rare-earth magnets

Length: 300 mm

General technical data

	PARAMETER	SYM	UNIT	VALUE
THERMAL	Max. Allowed magnet plate temperature	T_{magnet}	°C	90
MECHANICAL	Magnet plate weight	m_s	$\frac{\text{kg}}{\text{m}}$	7

Magnet plate dimensions

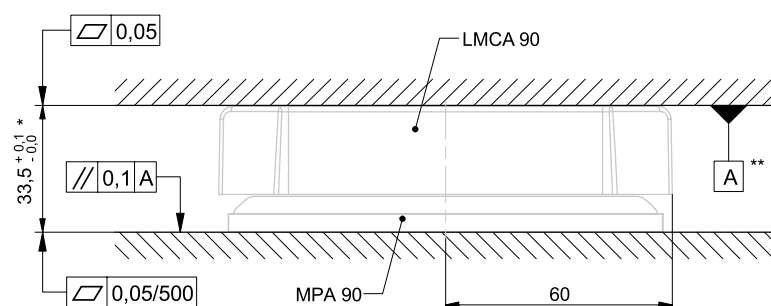


* The stated mounting height is set for the air gap of 0,6 mm.
For more information, please refer to the Linear Motors catalogue.

MPA 90	L1 [mm]	L2 [mm]	N
MPA 90 300 C	300	309,6	5

i 'N' is the number of mounting slots in the x-direction.

Mounting tolerances



* The stated mounting height is set for the air gap of 0,6 mm.
For more information, please refer to the Linear Motors catalogue.

** We recommend using a thermally conductive paste between the
forcer and heatsink to ensure a better heat transfer.