UNIMOTION

MPA 30 120 C DATASHEET

Classic magnet plate

Strong rare-earth magnets

Length: 120 mm

General technical data

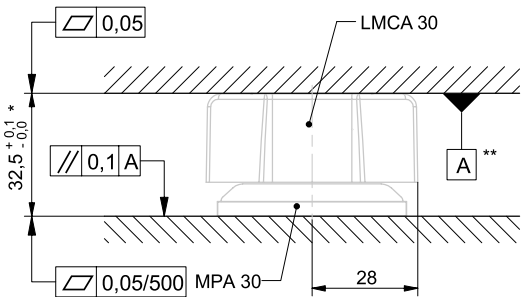|	PARAMETER	SYM	UNIT	VALUE
THERMAL	Max. Allowed magnet plate temperature	T_{magnet}	°C	90
MECHANICAL	Magnet plate weight	m_S	$\frac{kg}{m}$	2,4

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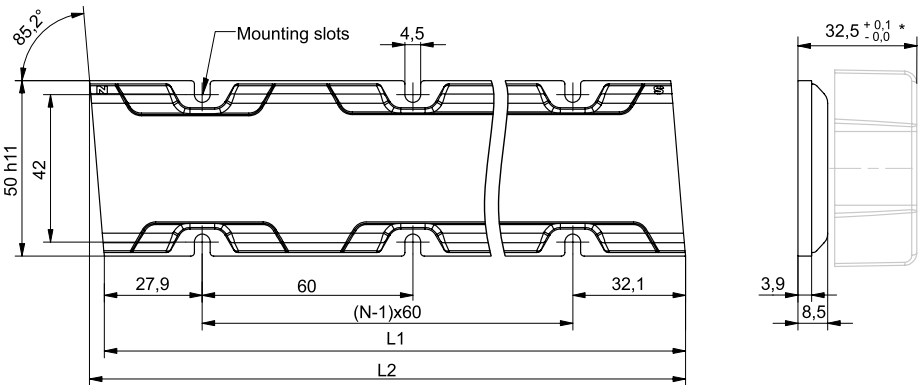
* The stated mounting height is set for the air gap of 0,6 mm.
For more information, please refer to the Linear Motors catalogue.

| MPA 30	L1 [mm]	L2 [mm]	N
MPA 30 120 C	120	124,2	2

ⓘ '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.

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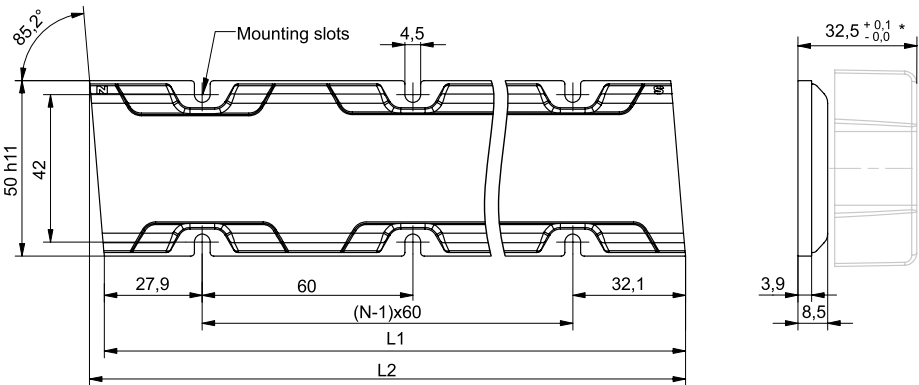## MPA 30 180 C DATASHEET

Classic magnet plate
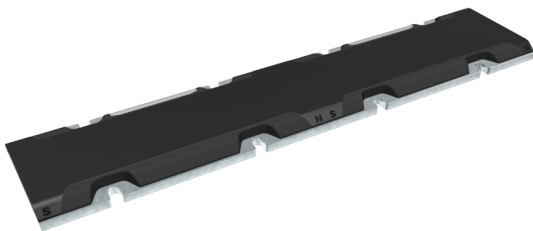
Strong rare-earth magnets

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	$\frac{kg}{m}$	2,4

Magnet plate dimensions

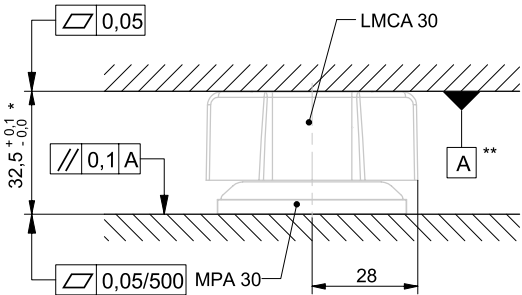
* The stated mounting height is set for the air gap of 0,6 mm.
For more information, please refer to the Linear Motors catalogue.

| MPA 30	L1 [mm]	L2 [mm]	N
MPA 30 180 C	180	184,2	3

ⓘ '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.
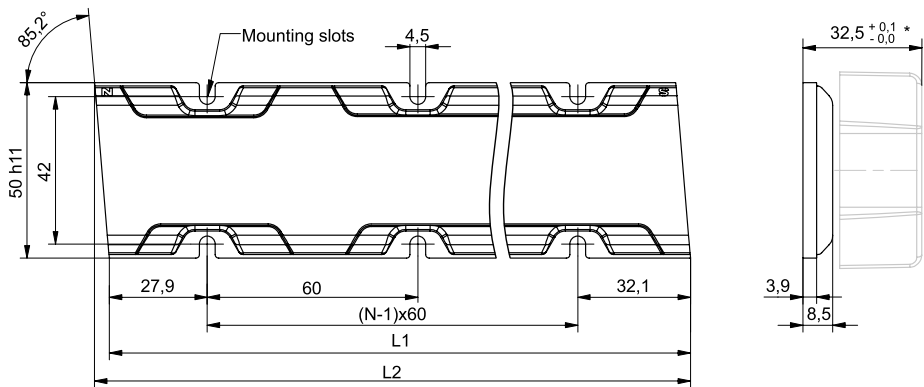

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MPA 30 300 C DATASHEET

Classic magnet plate
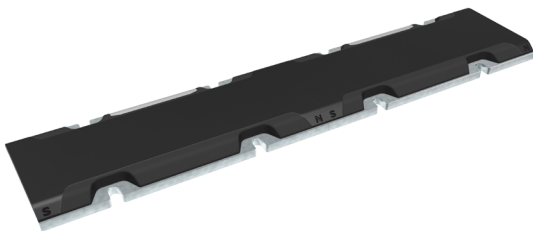
Strong rare-earth magnets

Length: 300 mm

General technical data

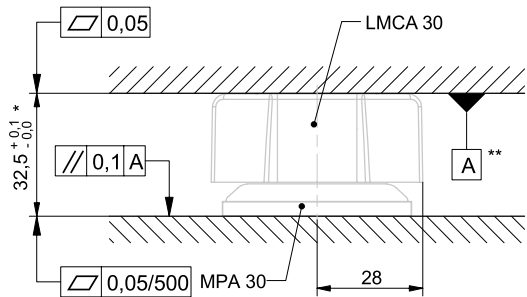|	PARAMETER	SYM	UNIT	VALUE
THERMAL	Max. Allowed magnet plate temperature	T_{magnet}	°C	90
MECHANICAL	Magnet plate weight	m_S	$\frac{kg}{m}$	2,4

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 30	L1 [mm]	L2 [mm]	N
MPA 30 300 C	300	304,2	5

ⓘ '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.

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