



Motorized Z-Axis

Specifications	50	100	PLUS 50	PLUS 100
Travel range	50 mm	100 mm	50 mm	100 mm
Travel speed	max. 16 mm/s			
Ball screw pitch	1 mm			
Repeatability ¹	±1 µm		≤ 1 µm	
Resolution ²	0.01 µm		0.05 µm	
Motor	2-phase stepper motor			
Limit switches	Hall sensors			
Measuring system	–		• ³	
Material	aluminium			
Surface	shiny black anodic coating			
Load	10 kg			
Weight	approx. 2.2 kg			

Order Information

Motorized Z-Axis	Order No.
50	00-47-108-0000
100	00-47-106-0000
PLUS 50	00-47-107-0000
PLUS 100	00-47-105-0000

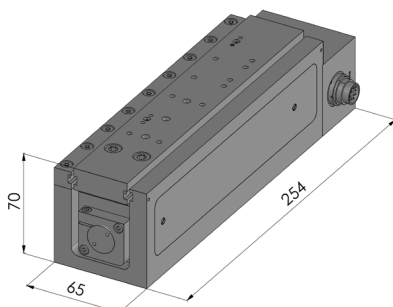
Product Features

- ▣ universally applicable linear axis for positioning tasks with 50 or 100 mm travel range
- ▣ integrated linear measuring system for highest accuracy of PLUS models

Accessories

For suitable stepper motor controllers and operating devices for your individual system requirements please visit: www.marzhauser.com

Dimensions



¹ bidirectional, measured according to VDI/DGQ 3441

² smallest step size

³ nanoScale (MR/analog 5Vpp)

Specifications valid with TANGO controllers only.