



Linear Stage 5101.05

- compact linear stage for the positioning of light samples or mountings
- multi-axis positioning systems possible by simple combination of stages
- wear resistant delta bronze spindle nut
- especially suitable for the adjustment of slit screens of the series 3000
- grounded and tempered thread spindle (self-locking)
- robust surfaces through galvanic natural-anodising treatment

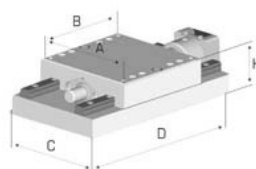
Maximum load:

F_x [N]:	50
F_y [N]:	50
$F_{z\uparrow}$ [N]:	50
$F_{z\downarrow}$ [N]:	50
ΣF [N]:	(\leq) 50
M_x [Nm]:	4 [= $F_y \times (z+0.010)$]**
M_y [Nm]:	5.5 [= $F_x \times (z+0.010)$]**
M_z [Nm]:	4
ΣM [Nm]:	(\leq) 6

** z: distance from mounting surface to centre of gravity of load [m]

* adaptor required: M301.301-001

Dimensions [mm]:



A:	B:	C:	D:	H:
43	30	43	88	29

Specifications:

Travel range [mm]:	30*
Material (base/slide):	Aluminium

Spindle pitch [mm]:	1
Max. load $F_z \downarrow$ [N]:	50
Min. drive torque [Nm]:	0.02
Weight [kg]:	0.25

* optional: extended or shortened travel range

online 3D available in main image on the left



