

HS 30

Miniature Translation Stages with fine pitch screws



Technical Data

Travel:	8, 18 or 30 mm
Spindle pitch:	0.25 mm
Graduation of scale:	10 µm
Setting sensitivity:	2 µm
Mass:	35, 41 or 50 g

Load characteristics

Max. load capacity	
M_x, M_y, M_z	1.5 Nm
F_x, F_y, F_z	50 N

Guidance accuracy (without load)

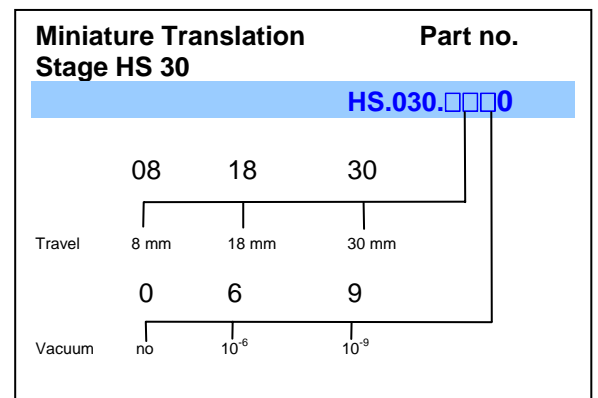
For 8 mm travel:	
Yaw angle	< 20 arc sec
Pitch angle	< 60 arc sec
Vertical deviation	< 1 µm
Lateral deviation	< 2 µm

Specifications

- compatible with MS 30 series
- deformation-resistant aluminium, black anodized
- mountable on slides (OWIS and LINOS)
- setting sensitivity better than 1 µm
- self-locking
- compact design
- xy or xyz combinations
- precision ball bearing guides
- vacuum preparation optionally
- customized designs possible

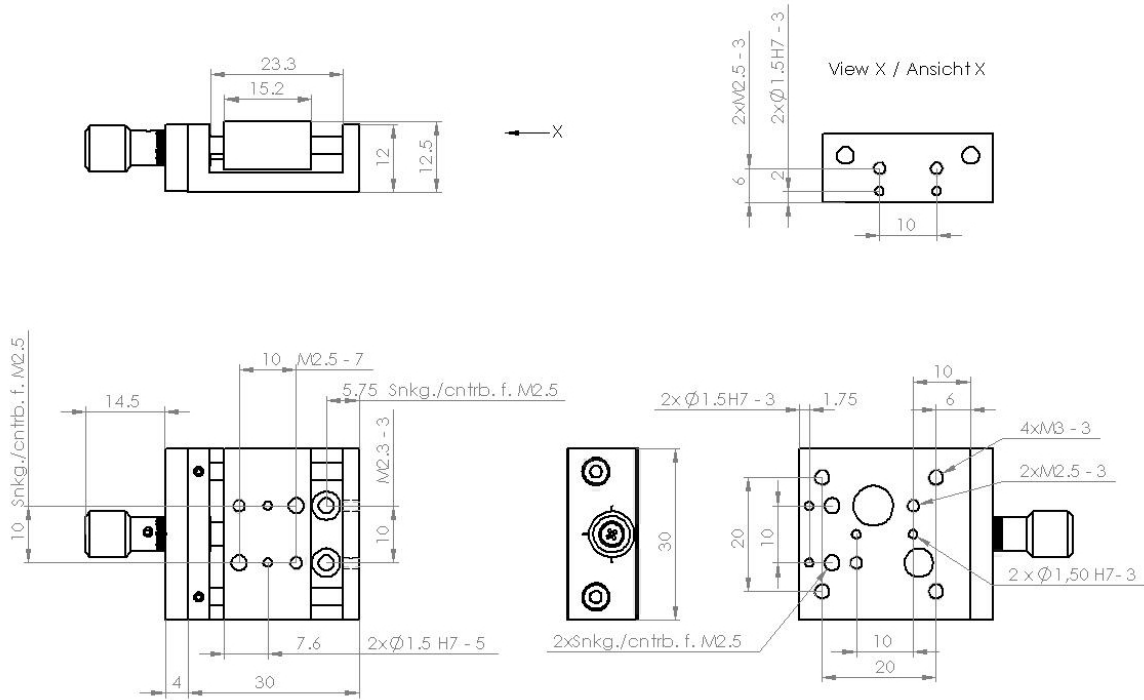
Application Examples

- Micro-/Nano Technology
- Bio Technology
- Microscopy
- Quality Control
- Metrology
- R & D



Series HS

HS 30, 8 mm travel



HS 30, 18 and 30 mm travel

Travel	A	B	C	D
18	40	33.2	10.5	15.5
30	52	45.2	16.5	21.5

