

961-0050
962-0050

NARROW MOTORIZED TRANSLATION STAGES WITH DC MOTOR

961-0050 stage is equipped with DC motor that provides smoother motion and closed loop operation. High number of motor reduction gear provides high resolution, but low speed in turn. Ideal for applications demanding high accuracy but not sensitive to speed limitations.



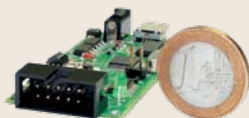
961-0050

SPECIFICATIONS

Model	961-0050	962-0050
Travel range		50 mm
Lead screw pitch		0.25 mm
Resolution	0.014 µm	–
Minimal incremental motion		0.1 µm
Bi-directional Repeatability		0.04 µm
Max. speed	7 mm/s	0.38 mm/s
Load capacity		
Horizontal		5 kg
Vertical		1 kg
Cable	integrated, 1.6 m length	
Motor connector	HDB15(M)	
DC motor	DCE RE25	DCJ252445
Weight	0.5 kg	
Assemblies:		
X-Y	810-0250-01	
Z	810-0150-01	
Price, EUR	936	773

962-0050 stage is equipped with DC motor without encoder and can be operated with joystick only. Ideal for systems with own feedback, e.g. visual feedback when used with microscope.

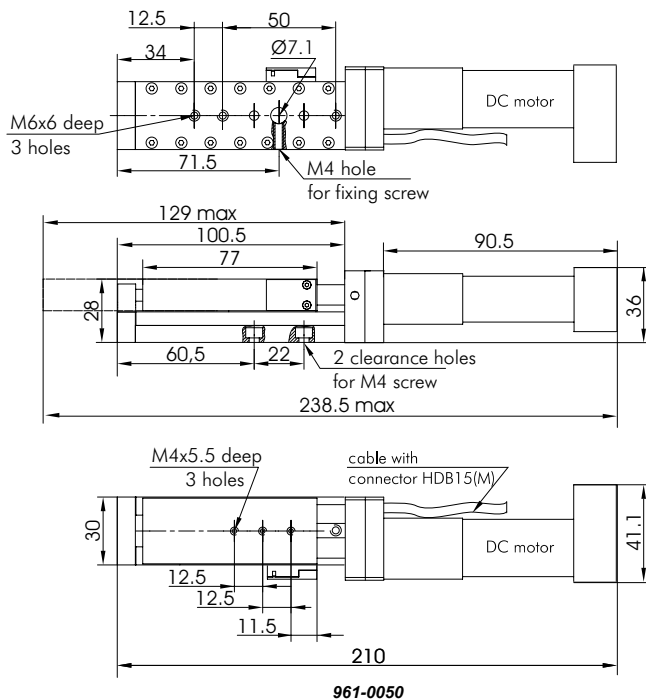
RECOMMENDED CONTROLLERS



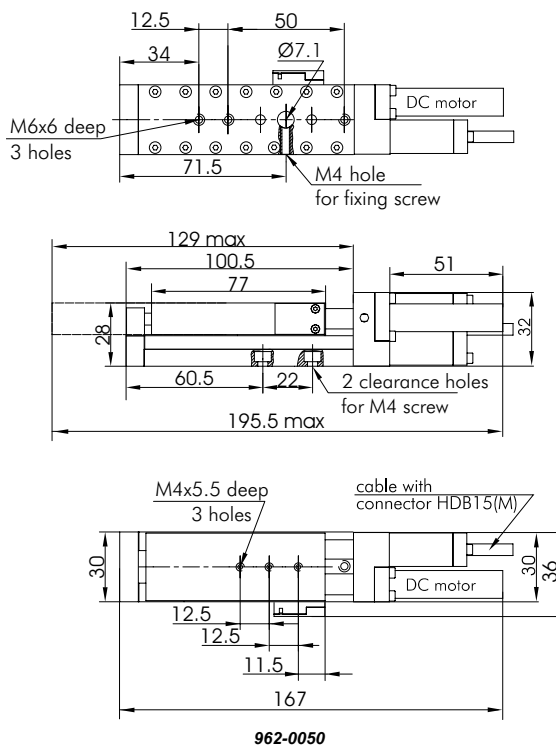
980-0060-USB for 961-0050
see page 8.191



981-0020 for 962-0050



Narrow Motorized Translation Stage with Vacuum compatible DC motor 961-0050V is available.
For product data sheet please visit www.eksmaoptics.com



OPTICAL TABLES

BRACKETS & RAILS

BASE MOUNTS & ACCESSORIES

OPTICAL MOUNTS

OPTICAL POSITIONERS

BASE POSITIONERS

TRANSLATION & ROTATION STAGES

ADJUSTMENT SCREWS

MOTORIZED POSITIONERS