

**960-0199 MOTORIZED VERTICAL TRANSLATION STAGE**



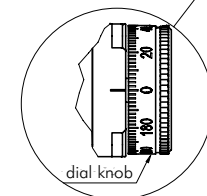
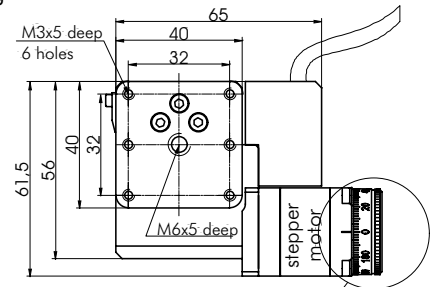
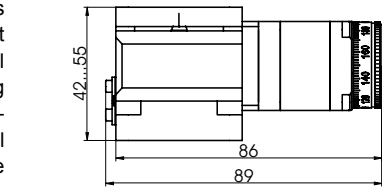
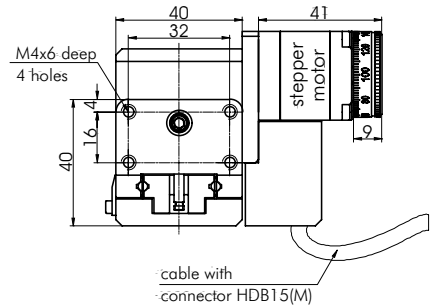
- Travel range 13 mm
- Stacks directly with stages 970-0080
- Similar manual version with 5 mm travel 860-0098-02
- Vacuum version available
- Motors of other types are available

Motorized Vertical Translation Stages 960-0199 is made in most compact design. Platform is made with central M6 mounting hole and six M3 mounting holes for stacking. Vernier scale is engraved on one side of the stage. Travel range 13 mm. Four M4 holes are made in the positioner's platform for mounting on other suitable surfaces.

**SPECIFICATIONS**

Model	960-0199-01
Travel range, mm	13
Lead screw pitch, mm	1
Reduction gear ratio	1/60
Resolution in full step*, µm	0.083
Resolution in 1/8 step*, µm	0.01
Max speed*, mm/s	0.416
Load capacity, kg	6
Cable	integrated, 1.6 m length
Motor connector	HDB15(M)
Stepper motor	28S
Mechanical limit switches	two end switches
Type	Pushed is "closed"
Weight, kg	0.45
Price, EUR	879

**\*Test condition:**  
 • 980-0030 controllers;  
 • Power supply – 36 V.



Stacks directly with stages:



970-0080



860-0170, 860-0096 (2 pieces), and 860-0098-02 or 860-0099 stacked

**RECOMMENDED CONTROLLERS**



**980-0040-USB**  
see page 8.189



**980-0030-RS232**  
see page 8.188

OPTICAL TABLES

BRACKETS & RAILS

BASE MOUNTS & ACCESSORIES

OPTICAL MOUNTS

OPTICAL POSITIONERS

BASE POSITIONERS

TRANSLATION & ROTATION STAGES

ADJUSTMENT SCREWS

MOTORIZED POSITIONERS