

Narrow Motorized Translation Stage with Vacuum compatible stepper motor

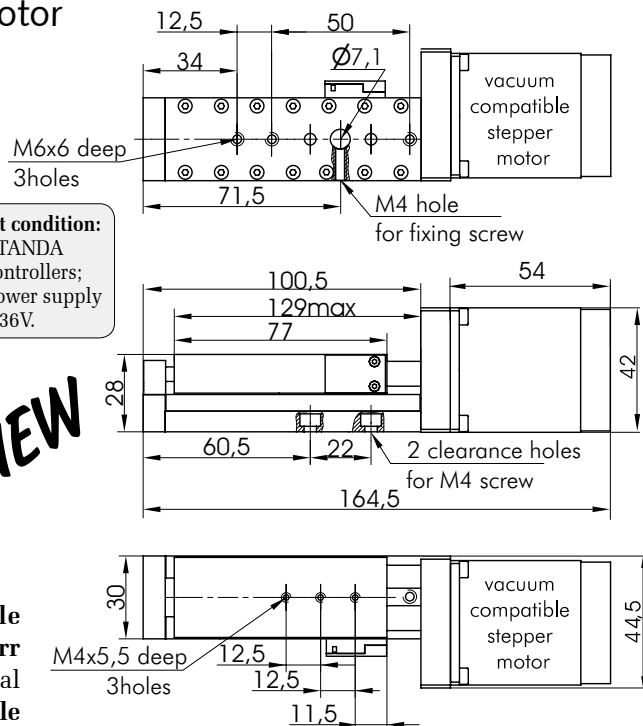
8MT30V-50

SPECIFICATIONS

Travel range	50 mm
Lead screw pitch	0.25 mm
Resolution in full step*	1.25 μ m
Max. speed*	2.5 mm/s
Load capacity	
Horizontal	3 kg
Vertical	1 kg
Fluoroplastic cable	integrated, 2 m length
Motor connector	HDB15(M)
Vacuum compatible stepper motor	VSS42
Weight	0.55 kg
Assemblies:	
X-Y	2CP173V-50-20
Z	2AB173V-20-50

*Test condition:
• STANDA controllers;
• Power supply - 36V.

NEW



Many applications require **vacuum compatible stages**. 8MT30V-50 stage is equipped with **10⁻⁶ Torr vacuum compatible stepper motor**, all mechanical parts are **lubricated with High vacuum compatible grease**. Aluminum parts are not anodized. Stages are cleaned in vacuum chamber and packed before dispatch, so that it can be immediately placed in vacuum chamber after purchase without spoiling the vacuum. Cleaning and packing not included in price.

Recommended Controllers

for Stepper Motor

Stepper Motor
Controller
with
USB Interface
8SMC1-USBhF



for DC Motor

Brushed DC Servo Motor
Controller
with
USB Interface
8DCMC1-USB



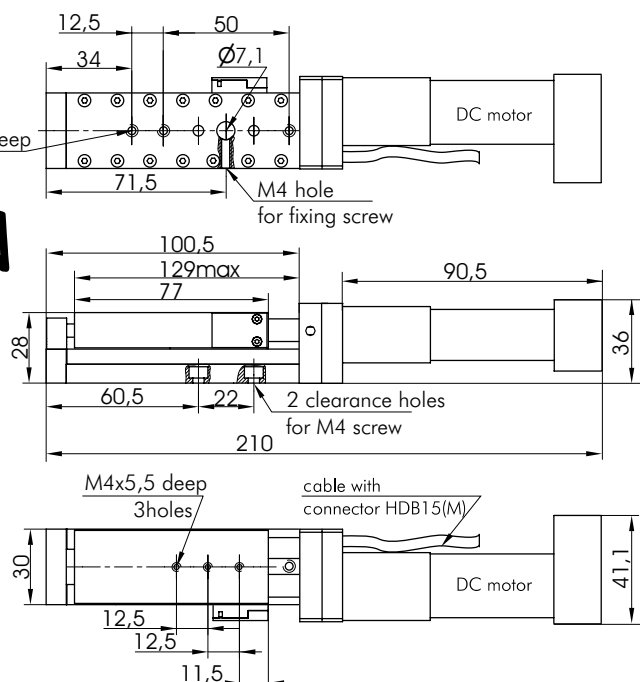
Narrow Motorized Translation Stage with DC motor

8MT30-50DCE

SPECIFICATIONS

Travel range	50 mm
Lead screw pitch	0.25 mm
Resolution	0.1 μ m
Minimal incremental motion	0.014 μ m
Bi-directional Repeatability	0.4 μ m
Max. speed	7 mm/s
Load capacity	
Horizontal	5 kg
Vertical	1 kg
Cable	integrated, 1.6 m length
Motor connector	HDB15(M)
DC motor	DCE RE25
Weight	0.5 kg
Assemblies:	
X-Y	2CP173-50-20
Z	2AB173-20-50

NEW



DC motor 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.



http://www.standa.it

e-mail: sales@standa.it



Fax: +370-5-2651483

Phone: +370-5-2651474



standa



Optical Tables	1
Brackets & Rails	2
Base Mounts & Accessories	3
Optical Mounts	4
Optical Positioners	5
Base Positioners	6
Translation & Rotation Stages	7
Motorised Positioners & Controllers	8
Fine Adjustment Screws	9
Opto- Mechanics & Sets	10
Light Test & Measurement Instruments	11