

Narrow Motorized Translation Stage with Vacuum compatible DC motor

8MT30V-50DCE

SPECIFICATIONS

Travel range	50 mm
Lead screw pitch	0.25 mm
Resolution	0.1 μ m
Minimal incremental motion	0.029 μ m
Bi-directional Repeatability	0.4 μ m
Max. speed	0.5 mm/s

Load capacity	
Horizontal	5 kg
Vertical	1 kg
Fluoroplastic cable	integrated, 2 m length
Motor connector	HDB15(M)
Vacuum compatible	DCE1841

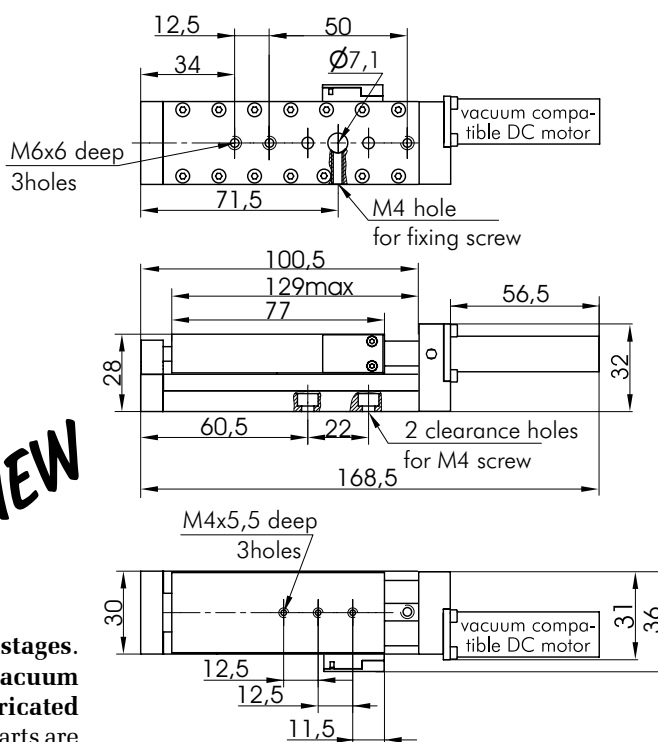
Weight 0.5 kg

Assemblies:

X-Y	2CP173V-50-20
Z	2AB173V-20-50

Many applications require **vacuum compatible stages**. **8MT30V-50DCE** stage is equipped with **10⁻⁶ Torr vacuum compatible DC 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.

NEW



Recommended

Joystick for 8MT30-50DCJ

8JX.01 – 1 axis control
8JXY.01 – 2 axis control



Controller for DC Motor

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



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8MT30-50DCJ

SPECIFICATIONS

Travel range	50 mm
Lead screw pitch	0.25 mm
Resolution	0.1 μ m
Bi-directional Repeatability	0.4 μ m
Max. speed	0.38 mm/s

Load capacity	
Horizontal	5 kg
Vertical	1 kg
Cable	integrated, 1.6 m length
Motor connector	HDB15(M)
DC motor without encoder	DCJ252445
Weight	0.5 kg

Assemblies:

X-Y	2CP173-50-20
Z	2AB173-20-50

8MT30-50DCJ stage is equipped with **DC motor without encoder** and can **operated with joystick** only. Ideal for systems with own feedback, e.g. visual feedback when used with microscope.

