

**961-0060V VACUUM COMPATIBLE NARROW MOTORIZED TRANSLATION STAGE**



Vacuum compatible 961-0060V series stages are 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 are not included in price.

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.

- M30×1 diameter platform insert
- Two 25 mm (1 inch) retaining rings
- Centered platform insert
- Inch & non-vacuum versions are available

**SPECIFICATIONS**

Model	961-0062V	961-0064V	961-0065V	961-0066V
Travel range, mm	10	20	25	30
Lead screw pitch, mm	0.25			
Resolution, $\mu\text{m}$	0.058			
Minimal incremental motion, $\mu\text{m}$	0.1			
Bi-directional Repeatability, $\mu\text{m}$	0.4			
Max. speed, mm/s	0.5			
Load capacity: Horizontal, kg Vertical, kg	5 1			
Cable	Integrated, 1.6 m length			
Motor connector	HDB15(M)			
DC motor	DCE369751			
Weight, kg	0.43	0.46	0.47	0.48