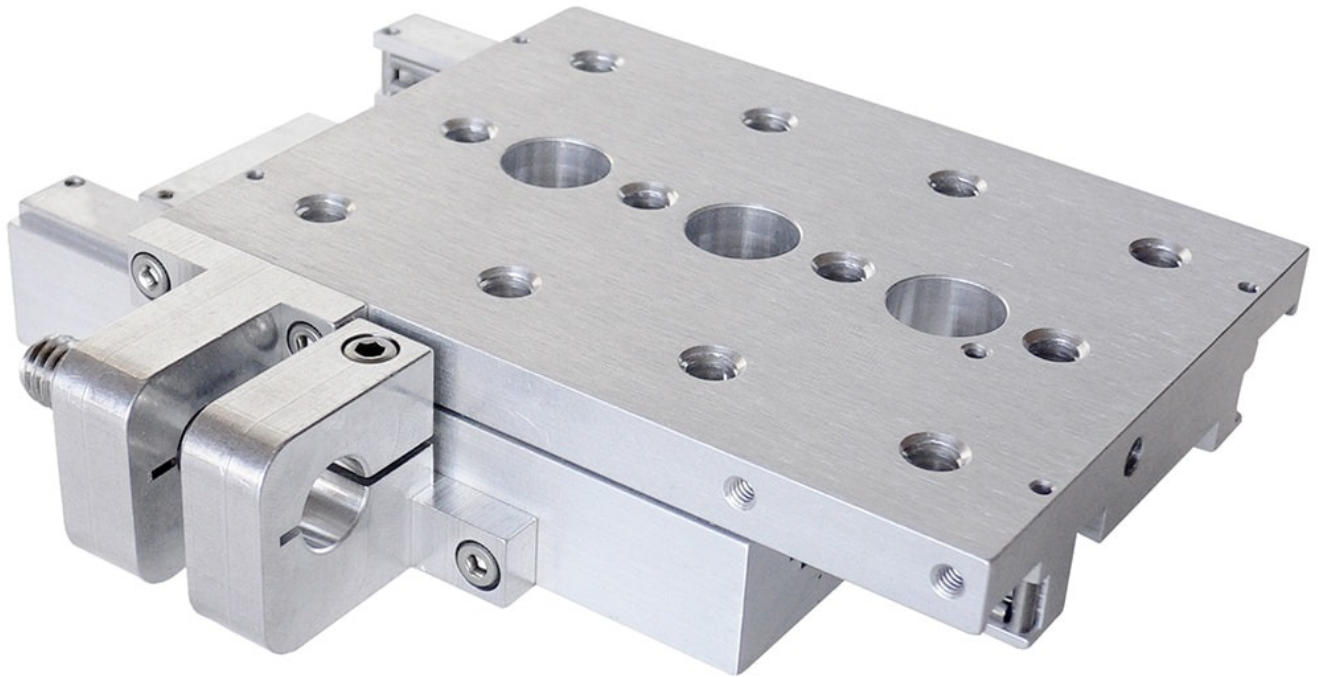


TSB28M-V Datasheet



- Vacuum compatible to 10^{-3} Torr
- 28 and 60 mm travel
- 10 kg load capacity
- Requires a T-NA-SV1 actuator to drive it

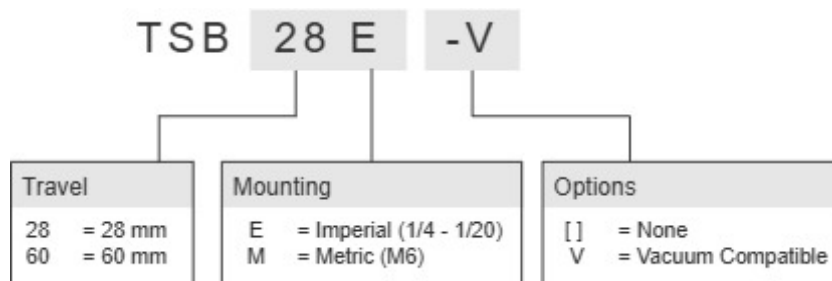
TSB-V Series Overview

Zaber's TSB-V Series of translation stages are ball bearing linear stages with 28 mm or 60 mm of travel. They are compatible with our low vacuum T-NA-SV1 series miniature linear actuators and can be used in x-y stage configuration.

These vacuum compatible translation stages use vacuum compatible greases and epoxies and non-anodized components. These translation stages have been used successfully in vacuum applications down to 10⁻⁶ Torr.

For more information visit: <https://www.zaber.com/products/vacuum-compatible-stages/TSB-V>

TSB-V Series Part Numbering & Options



TSB28M-V Drawings

- [TSB-V.pdf \(Drawing for the TSB-V\)](#)

TSB28M-V Specifications

AutoDetect	
Travel Range	28 mm (1.102")
Maximum Centered Load	100 N (22.4 lb)
Maximum Moment (Pitch)	40 N-cm (56.6 oz-in)
Maximum Moment (Roll)	125 N-cm (177.0 oz-in)
Maximum Moment (Yaw)	40 N-cm (56.6 oz-in)
Motor Type	No
Guide Type	Ball bearing
Axes of Motion	1
Mounting Interface	M6 threaded holes
Stage Parallelism	< 100 μ m (< 0.003937")
Operating Temperature Range	0 to 75 °C
CE Compliant	Yes
Vacuum Compatible	Low vacuum (10-3 Torr)
Weight	0.47 kg (1.036 lb)

Contact

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