

precisionWoRx ZBA®

Micropositioner

The precisionWoRx ZBA micropositioner provides extremely accurate, sub-micron motion in a compact package for demanding applications in photonics and ultra-precision automation. The Zero-Backlash feature enables dynamic, real-time positioning for complex motion profiles.

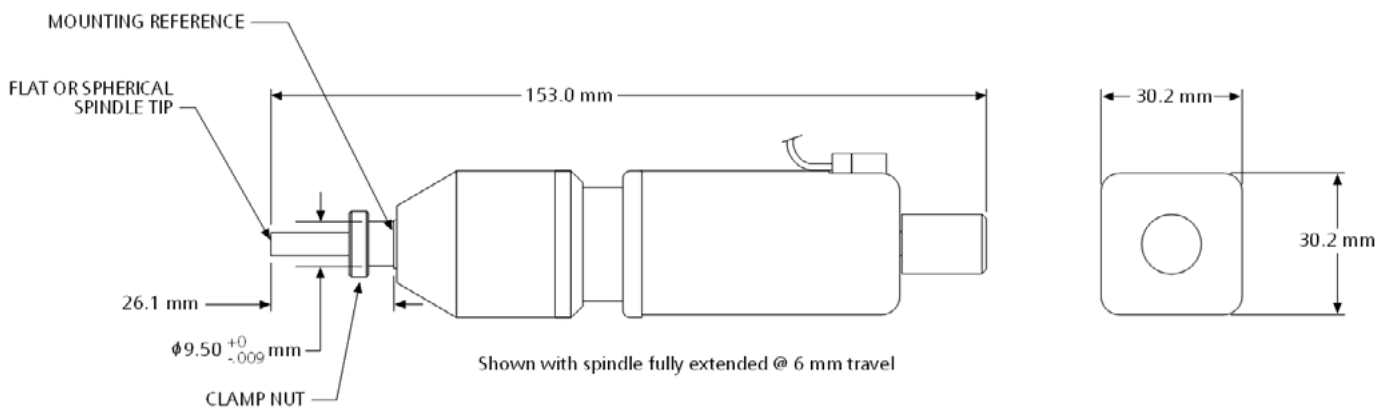


PERFORMANCE

Range:	6 mm, with end-of-travel stops
Resolution*:	20 nm
Repeatability*:	Unidirectional: $\leq \pm 100.0 \text{ nm}$ Bi-directional: $\leq \pm 150 \text{ nm}$
Accuracy*:	$\pm 1.5 \text{ }\mu\text{m}$ over 6mm
Load Range:	1.0 - 3.0 Kg
Life*:	Cycles: >10x10 ⁶ Distance: >120x10 ⁶ mm (bi-directional)

* Using NanoMotion® II Micropositioning System Controller with 1.5 Kg axial load

DIMENSIONS



* Specifications subject to change without notice.