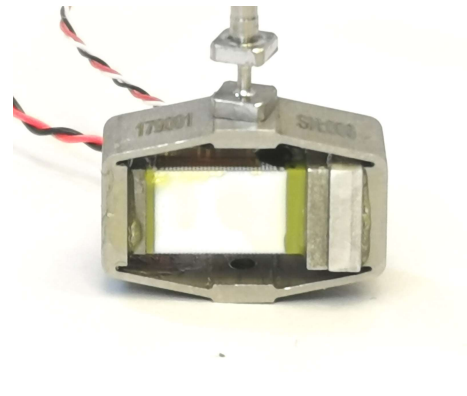


**Features:**

- High stiffness
- Preloaded for dynamic operations
- Simple mounting
- Flexure guides for zero play

**Applications:**

- Precision optical alignment
- Fast focus
- Nanopositioning
- High speed switching



APA-33U

**Specifications:**

Max. free stroke	33 $\mu\text{m}$
Stiffness	2.2 N/ $\mu\text{m}$
Blocked force	57 N
Weight	8 gr
Size	25x18x9 mm
Actuator Type	Stacked Piezo Actuator
Drive Voltage	-30 - 150 V
Sensor	Strain Gauge
Capacitance	0.75 $\mu\text{F}$
Operating Temperature	-40 ... +65 $^{\circ}\text{C}$
Preload force	200 N
First resonance frequency (without load, fixed from one end)	1800 Hz

**Note:** This product is customizable for different sizes, strokes and frequencies.

