

Technical Specifications

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| Size and Dimensions | |
| footprint; height | 30mm x 30 mm; 13.5 mm |
| weight (aluminium version) | 28 g |
| weight (stainless steel version) | 66 g |
| Materials | |
| positioner body | aluminum |
| positioner body (/HV, /UHV) | stainless steel |
| actuator | PZT ceramics |
| connecting wires | copper, jacket: RT: silicone, HV/UHV: fiberglass |
| Coarse Positioning Mode | |
| travel range (step mode) | 360 ° endless |
| maximum drive velocity @ 300 K | 10 °/s |
| input voltage range | 0 - 45 V |
| Fine Positioning Mode | |
| fine angular positioning range @ 300 K | 12 m° |
| fine positioning resolution | μ° |
| input DC voltage range | 0 - 45 V |
| Position Encoder | |
| readout mechanism | optoelectronic sensor |
| encoded travel range | 360° |
| sensor resolution | 0.01 m° |
| sensor power (when measuring) | 300 mW |
| repeatability | 1 m° (bidirectional) |
| Load (@ ambient conditions) | |
| maximum load | 1 kg |
| maximum dynamic torque around axis | 0.5 Ncm |
| General Specifications | |
| environment | /RT |

