

# ECR5050hs/StSt/UHV

1012484

## Technical Specifications

<b>Size and Dimensions</b>	
footprint; height	50 mm x 50 mm; 15 mm
weight (aluminium version)	102 g
weight (stainless steel version)	214 g
<b>Materials</b>	
positioner body	stainless steel
actuator	PZT ceramics
connecting wires	copper, jacket: RT: silicone, HV/UHV: fiberglass
<b>Coarse Positioning Mode</b>	
travel range (step mode)	360 ° endless
maximum drive velocity @ 300 K	15 °/s
input voltage range	0 - 45 V
<b>Fine Positioning Mode</b>	
fine angular positioning range @ 300 K	20 m°
fine positioning resolution	μ°
input DC voltage range	0 - 45 V
<b>Load (@ ambient conditions)</b>	
maximum load	2 kg
maximum dynamic torque around axis	5 Ncm
<b>General Specifications</b>	
environment	ultra-high vacuum

