

ECR5050hs/StSt/HV

1012482

Technical Specifications

Size and Dimensions	
footprint; height	50 mm x 50 mm; 15 mm
weight (stainless steel version)	214 g
height	15 mm
Materials	
positioner body	stainless steel
actuator	PZT ceramics
connecting wires	copper, jacket: RT: PTFE, HV/UHV: fiberglass
Coarse Positioning Mode	
travel range (step mode)	360 ° endless
maximum drive velocity @ 300 K	15 °/s
input voltage range	0 - 45 V
typical actuator capacitance @ 300 K [μF]	0.72
Fine Positioning Mode	
fine angular positioning range @ 300 K	20 m°
fine positioning resolution	μ°
input DC voltage range	0 - 45 V
Load (@ ambient conditions)	
maximum load	2 kg
maximum dynamic torque around axis	1 Ncm
General Specifications	
environment	high vacuum

