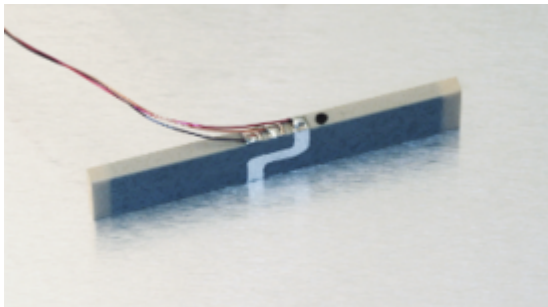


NAC2810



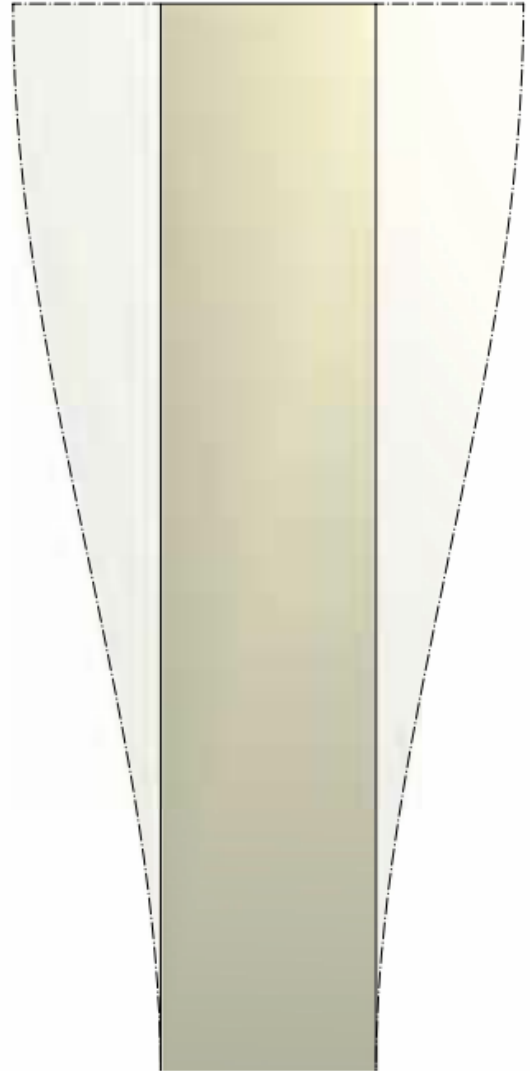
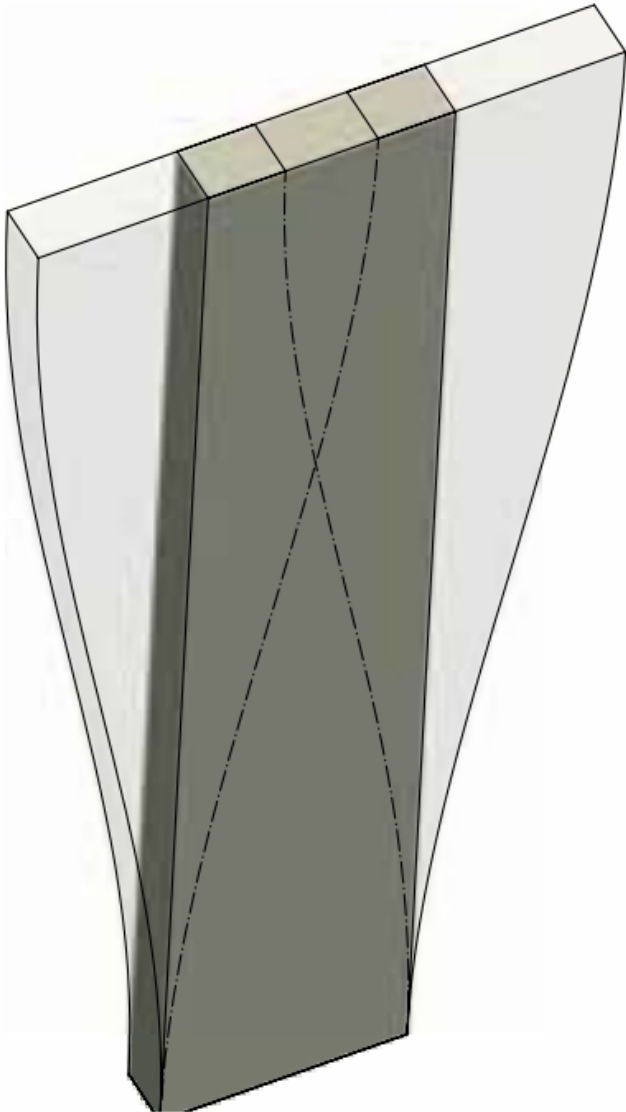
The NAC2810 offers single s-movement and is available as a prototype. The main feature of this product is that it is much stiffer in the direction of action than in the perpendicular direction. The bender measures 40x8x2 mm and provides a stroke of +/- 34 μ m and a blocking force of 0.27 N.

SPECIFICATIONS

Attributes	Value	Tolerance
Length / outer diameter	40 mm	+/-0.80 mm
Width / inner diameter	8 mm	+/-0.16 mm
Height	2 mm	+/-0.10 mm
Operating voltage, max.	200 V	
Free stroke, max.	\pm 34 μ m	+/- 15%
Blocking force, max.	27 N	+/-20%
Capacitance	2 x 580 nF	+/- 15%
Maximum operating temperature	150 $^{\circ}$ C	
Material	NCE51	
Unloaded resonance frequency	>4200 Hz	
Electrodes	-	
Remarks	-	

DRAWINGS

Displacement principle of NAC2810.

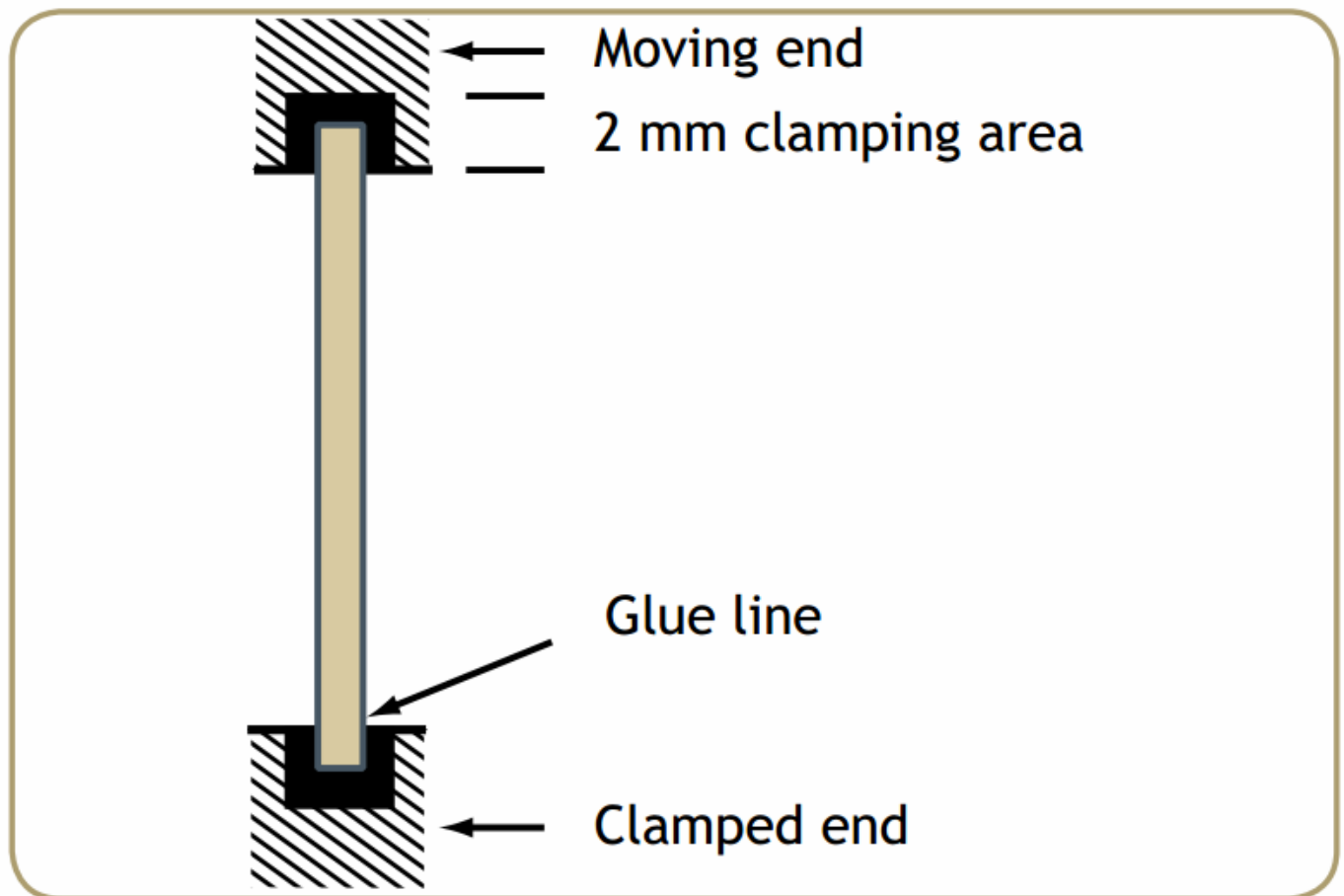


MOUNT AND CONNECT

Mount and connect

If $0 < V_{in} < 100$ V, the actuator will bend in the direction indicated by the black dot.

If $-100 < V_{in} < 0$ V, the actuator will bend in the direction opposite to the black dot.



WIRES

NAC2810 and NAC2910 are delivered in the following configuration

NAC2810	3xRRW-A-105 200 mm
NAC2910	4xRRW-A-105 200 mm

Please contact us for other wiring options