

## APPLICATIONS

- > Vibrations control
- > Positioning
- > Fluidic applications

## KEY FEATURES

- > Flexure bearing
- > Infinite lifetime

## RELATED PRODUCTS

- > CMAμ10

## AVAILABLE OPTIONS

- > Proof-mass

## AVAILABLE INTERFACES

- > Wire connector



NON CONTRACTUAL PICTURE

PARAMETER	TYPICAL VALUE	UNIT
<b>&gt; Electrical and mechanical performances</b>		
Continuous force <sup>(1)</sup>	50	N
Dynamic force	70	N
Continuous current	0.65	A
Dynamic current	0.9	A
Stroke <sup>(2)</sup>	4	mm
Force Factor	80	N/A
<b>&gt; Dimensions &amp; mass</b>		
Mass <sup>(3)</sup>	0.54	kg
Actuator diameter	44	mm
Actuator length	70	mm
<b>&gt; Mechanical characteristics</b>		
Mobile mass	0.23	kg
Axial Stiffness	15	N/mm
Resonance frequency <sup>(4)</sup>	40	Hz
<b>&gt; Electrical characteristics</b>		
DC resistance	15	Ohm
Inductance @ 20Hz	300	mH

## ANNOTATIONS

Guaranteed in lab environment. A misused can lead to temporary or definitive alterations of properties. Contact CEDRAT TECHNOLOGIES prior using actuators under non standard technical conditions

(1) Obtained at nominal current

(2) Peak to peak value

(3) Electrical wires excluded

(4) Blocked-free: The actuator is fixed to a mechanical support assumed infinitely stiff