

APPLICATIONS

- > Vibrations control
- > Positioning
- > Fluidic applications

KEY FEATURES

- > Flexure bearing
- > Infinite lifetime

AVAILABLE OPTIONS

- > Proof-mass

AVAILABLE INTERFACES

- > Connector



NON CONTRACTUAL PICTURE

PARAMETER	TYPICAL VALUE	UNIT
> Electrical and mechanical performances		
Continuous force ⁽¹⁾	220	N
Dynamic Force	350	N
Continuous current	9	A
Dynamic Current	15	A
Stroke ⁽²⁾	8	mm
Force factor	24	N/A
> Dimensions & mass		
Mass	3.2	kg
Diameter	100	mm
Length	100	mm
> Mechanical characteristics		
Mobile mass	0.6	kg
Axial Stiffness	21	N/mm
Resonance frequency ⁽³⁾	30	Hz
> Electrical characteristics		
DC resistance	0.5	Ohm
Inductance @ 20Hz	12	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 continuous current and stabilized T°C

(2) Peak to peak value

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