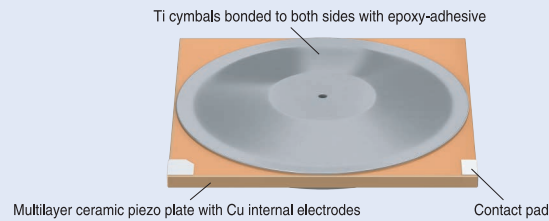


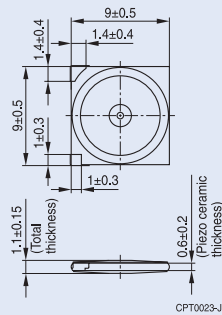
# PowerHap – Piezo Actuators for Active Haptic Feedback

## Structure

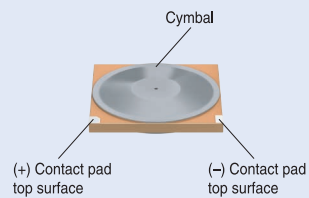


## Dimensional drawings

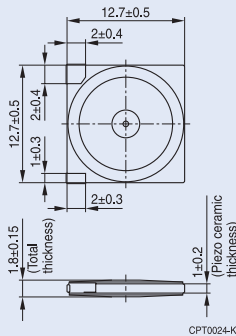
### Type: 0909H011V060



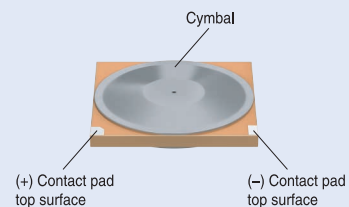
All dimensions in mm



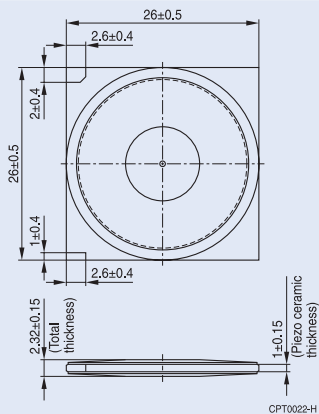
### Type: 1313H018V120



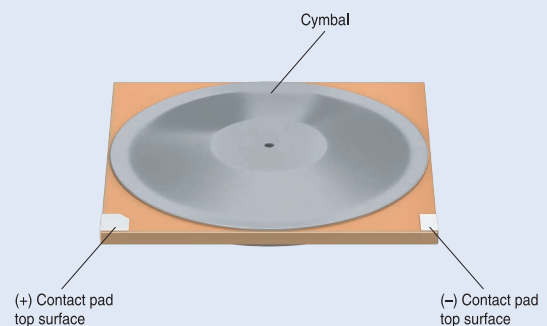
All dimensions in mm



### Type: 2626H023V120



All dimensions in mm

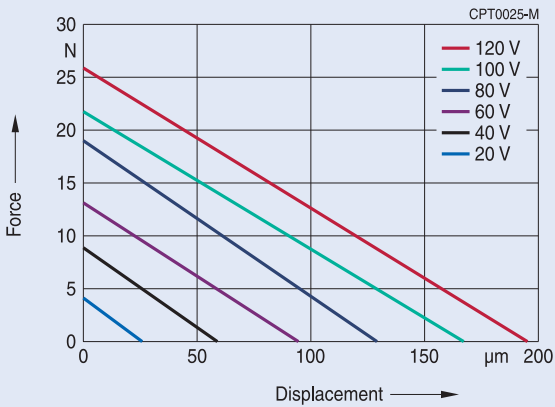


Note: Connection of PowerHap could be realised either via flexible wires or PFC.

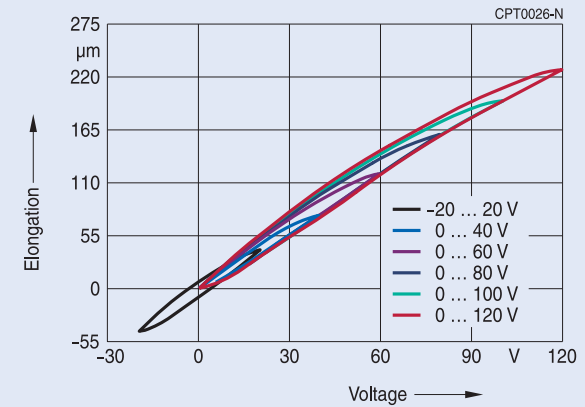
# PowerHap – Piezo Actuators for Active Haptic Feedback

## Example of technical characteristics (type 2626H023V120)

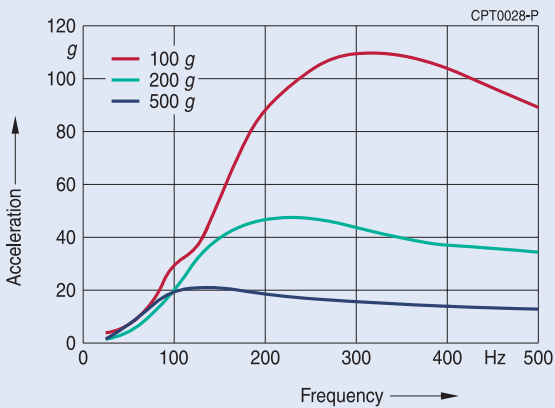
**Force-stroke diagram with different loads.**  
Typical stiffness 130 N/mm.



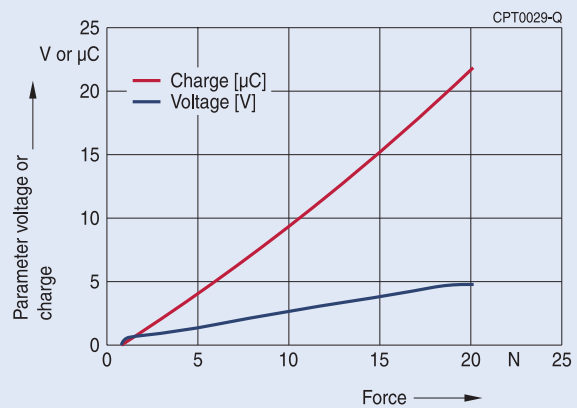
**Elongation as a function of voltage measured between cymbal end-caps.**



**Acceleration as a function of frequency for different loads.**  
Input voltage has a single pulse half wave sinus signal form of amplitude 120 V and varying frequency from 50 to 500 Hz.



**Sensor characteristics: open circuit voltage or short circuit charge as a function of force input.**



## Explanation of type code based on the PowerHap actuator 1919H021V120

