

# New!

The world's smallest linear piezoelectric motor



## PiezoWave™

PiezoMotorAB now introduces another world first, inspired by nature – PiezoWave.

A Piezo electric motor designed for low cost and volume application, and based on a novel actuation principle.

PiezoWave offers direct drive with variable speed in a very small package, without gears and without lead screws. The drive principle makes the motor very robust, even when equipped with simple drive electronics.

The new PiezoWave motor comes in a complete package – tested and ready to run. You don't even need to tune your design to make it work.

For more information about the world's smallest linear piezoelectric motor, as well as other piezoelectric motors for different needs, please contact PiezoMotor AB – experts in OEM piezo motor solutions.

Performance – preliminary data	Typical value
Speed @ 0,1 Newton	50 – 100
Holding force (N)	0.3 – 0.4
Dynamic force (N)	0.10
Drive voltage (V)	3.3 – 5.0
Current at max speed 4V (mA)	60 – 70
Stroke length (mm)	8
Average step (µm)	0.5 – 1.0
Life time (cycles, 8 mm stroke)	>100.000
Dimensions motor housing (L x W x H mm)	14.0 x 7.2 x 4.4

