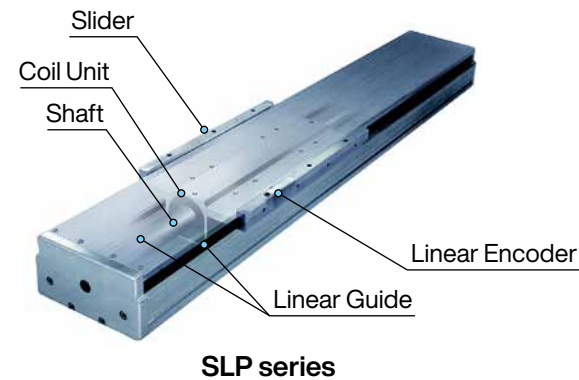
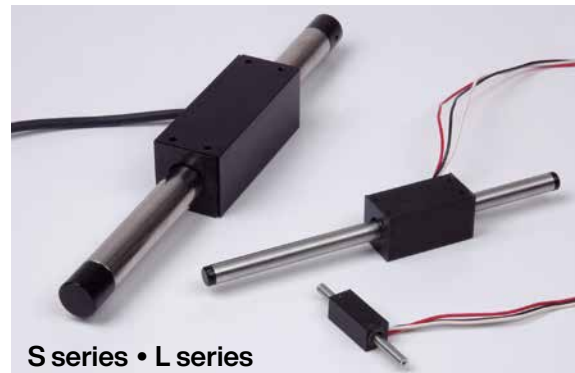


Linear Shaft Motor / Linear Shaft Motor Stage

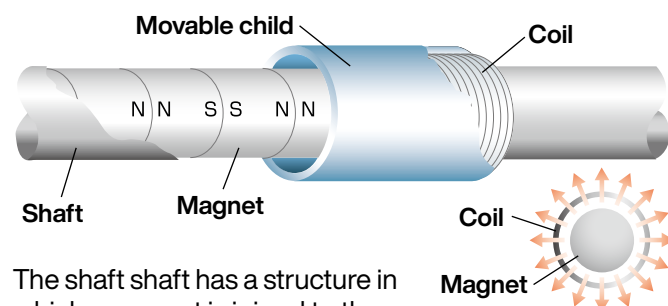
S series • L series / SLP series

Coreless technology with linear shaft motors



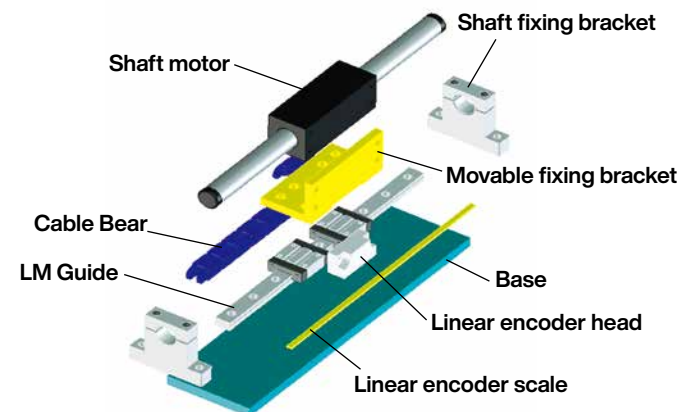
Construction

Operating principle



The shaft has a structure in which a magnet is joined to the north and south poles, and when a current flows through the coil, a magnetic field is generated and thrust is generated.

Specification configuration

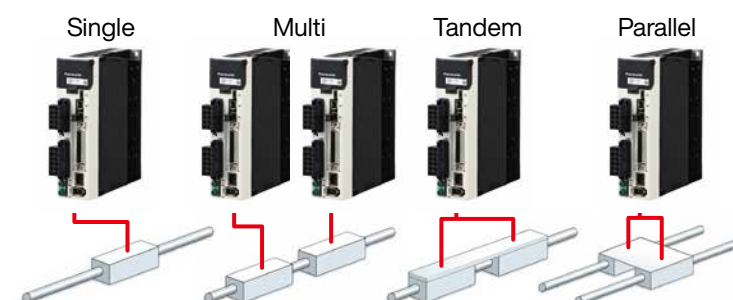


Features

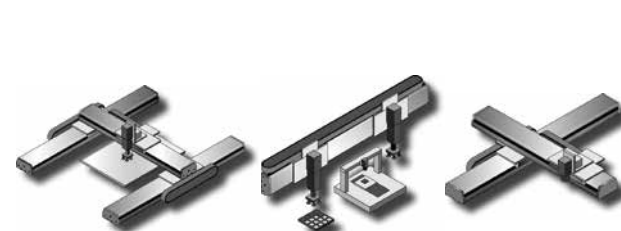
- Coreless Technology
- Zero Cogging
- High Force and High Precision
- Energy Efficient
- Simple Design and Easy Integration

Application Sample

S series • L series

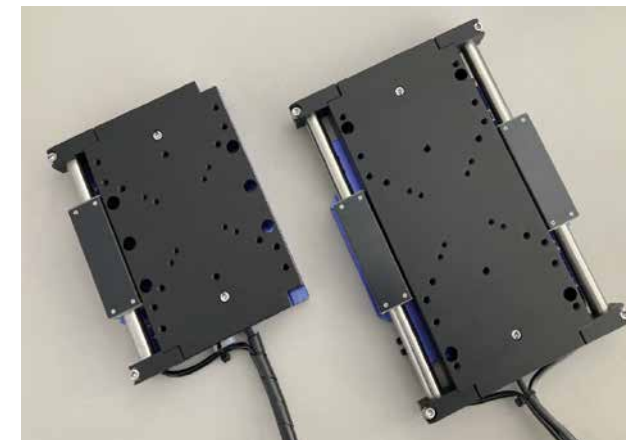


SLP series



Linear Shaft Motor Nano Positioning Stage

SPS series

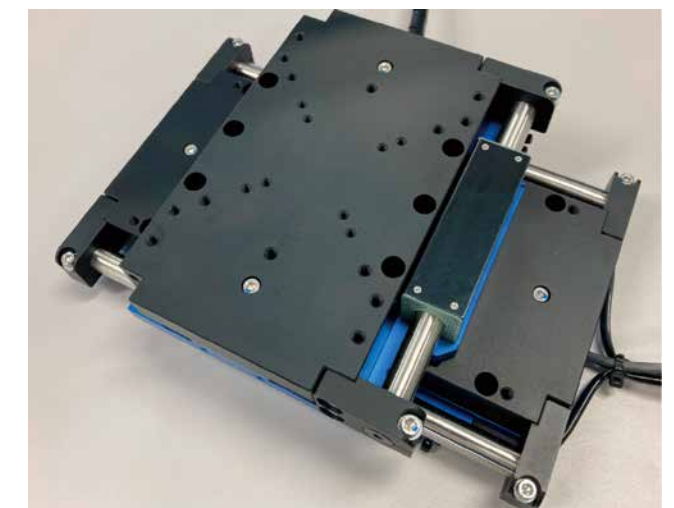


Features

- Uses ultra-low vibration, high-performance linear shaft motor
- High rigidity and high accuracy, using cross roller guide
- Zero cable resistance and high durability due to the moving shaft structure
- Thrust can be doubled by selecting the parallel option of the motor.
- Can be stacked and used as an XY stage
- Abundant encoder options (resolution 1 μ m to 0.002 μ m, AB phase incremental / absolute serial selection)
- 50 mm / 100 mm / 150 mm strokes are available

Application Sample

Used as an image processing inspection device, analysis equipment, micromachining machine, life science equipment such as precision laser processing cell analysis, optical equipment, replacement from ball screws and piezo XY stages



Sales area

- Japan

Language

- Japanese

For more information

URL : <https://www.pulsemotor.com/products/linearservo/index.html>



URL : <https://www.pulsemotor.com/index.html>



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