LINEX® S-SERIES

Tubular linear motors for high precision motion systems

AT A GLANCE

- Designed for machine tools
- Continuous force range of 335N to 630N
- Peak force up to 4,270N
- Efficient fluid-cooling thermal barrier
- No backlash or reversal errors
- Superior position performance

THE LINEX® RANGE

Zero net attractive forces improve efficiency with no down force, extending machine life.

LINEX® IS BETTER

Our cylindrical linear motor design provides improved performance at a lower cost when compared to conventional flat linear and rotary motors.

FIT YOUR APPLICATION

The LinX® linear motor range are available in a variety of different sizes to allow for application specific solutions.

PROTECTION IS KEY

The motors are fully sealed rated to IP67, or IP69K, ensuring they are perfect for machine tool and food processing systems.
FORCER
- Optimized for fluid-cooling
- H class motor
- 680VDC bus voltage

SHAFT
- 180mm magnetic pitch
- Neutral magnetic field
- Stainless steel tube
- Wide stroke range

CAPABILITIES
- Standalone thermal stability
- Zero backlash
- Superior position performance
- IP67

### Product Specifications

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Mover Length (mm)</th>
<th>Shaft OD (mm)</th>
<th>Continuous Force (N)*</th>
<th>Peak Force (N)</th>
<th>Continuous Current (A RMS)</th>
<th>Peak Current (A)</th>
<th>Resistance 25°C (Ω)</th>
<th>Inductance (mH)</th>
<th>Force Constant (N/A RMS)</th>
<th>Weight (kg)</th>
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*Specified under liquid cooling conditions.

**All specifications are for reference only. Specifications are subject to change without notice.**