Servo synchronous motor for precisely controlled motion. Torque range: 4.4 to 637 lbs.-in. (0.5 to 21.5 Hp).

Ideally suited to applications that require high dynamic performance, precision and compact dimensions.

Features

- Compact dimensions for installation in the tightest of spaces
- Low moments of inertia for high dynamic performance
- Plug-in connections for fast, easy installation and easy servicing
- Resolver as feedback. Alternatively: incremental encoder or absolute value encoder
The modular system for your application
Thanks to their scalable modular design, the synchronous servo motors are ideal for use with any application:
 • Brake attachments with and without permanent magnet brake
 • Feedback systems
   • Resolver
   • Incremental encoder
   • Absolute value encoder
 • Self-ventilated or forced-ventilated
 • Connection options
   • Plug connectors
   • Terminal box
 • Temperature monitoring via KTY thermal sensor
 • Comprehensive range of system cables
   • Motor connection
   • Feedback connection
   • Separate fan connection

Other properties

<table>
<thead>
<tr>
<th>Degree of protection</th>
<th>EN 60529</th>
<th>IP54/65</th>
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<tbody>
<tr>
<td>Approvals</td>
<td>cURus, EAC and UkrSepro</td>
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<tr>
<td>Temperature class</td>
<td>IEC / EN 60034-1 utilization</td>
<td>F</td>
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<td></td>
<td>IEC / EN 60034-1 insulation system</td>
<td>H</td>
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<tr>
<td>Climatic conditions</td>
<td>Storage temperature</td>
<td>-30°C to +60°C (-22°F to +140°F)</td>
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<td></td>
<td>Operating temperature</td>
<td>-20°C to +40°C (-4°F to +104°F)</td>
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