Lenze

Servomech Actuator Enquiry Form
Types ATL, BSA, CLA, CLB

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Email sales@lenze.co.uk

Name
Company
Address
Post Code
Application
Tel
Email
Date

No. of actuators

Force Requirements
(If loads vary throughout stroke, indicate where maximums are present)

<table>
<thead>
<tr>
<th>Force Requirements</th>
<th>Maximum dynamic force (push) N</th>
<th>Maximum dynamic force (pull) N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum static force (push) N</td>
<td>Maximum static force (pull) N</td>
<td></td>
</tr>
<tr>
<td>Radial loads on push rod</td>
<td>Yes ☐ No ☐</td>
<td></td>
</tr>
<tr>
<td>Shock loads</td>
<td>Yes ☐ No ☐</td>
<td></td>
</tr>
<tr>
<td>Mounting</td>
<td>Vertical ☐ Inverted ☐ Horizontal ☐</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Speed and stroke requirements

Notice
Max. stroke length will be reduced if magnetic reed switches (FCM) or safety nut (MS) is used.

<table>
<thead>
<tr>
<th>Linear speed (required)</th>
<th>Min   mm/s</th>
<th>Max   mm/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. retracted length admissible mm</td>
<td>Stopping Accuracy +/- mm</td>
<td></td>
</tr>
<tr>
<td>Stroke required mm</td>
<td>Time to complete stroke sec</td>
<td></td>
</tr>
</tbody>
</table>

Duty

Duty cycle required % over 10 mins 100% continuous ☐

Environment

<table>
<thead>
<tr>
<th>Temperature °C</th>
<th>Humidity %</th>
<th>Other</th>
</tr>
</thead>
</table>

Input version

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Available Power Supply

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 3ph</td>
<td>230/400 V</td>
<td></td>
</tr>
<tr>
<td>AC 1 ph</td>
<td>230 V</td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>50 Hz</td>
<td>60 Hz</td>
</tr>
<tr>
<td>DC Supply</td>
<td>24 V dc</td>
<td>12 V dc</td>
</tr>
<tr>
<td>Brake required</td>
<td>205 V dc</td>
<td>24 V dc</td>
</tr>
</tbody>
</table>

Motor IP rating (std) 55 □ 56 □ 66 □
(Recommended for safety & ball screw models)

Other requirements

Front fixing attachments

- Threaded end: BA □
- Rod end (factory fit): ROE □
- Clevis end: FO □
- Ball joint: TS □
- Hinged head: TF □

Rear fixing attachments

- Standard: □
- Rotated pivot by 90°: RPT 90° □
- Rear bracket: SP □

Handing Version

- RH □
- LH □

Limit Switches (optional)

- Magnetic reed switches FCM
  - Normally Closed: □
  - Normally Open: □
- Proximity switches FCP □
  - Quantity: 2-off □

CLA Actuator range only

- Micro switches for end of stroke: Yes - FC2 □ Yes - Wired into motor (FC2X) □
- Potentiometer 5K Ohm: □
  - Or extra switch mid position: □
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Other accessories and options

- Anti-turn device [ ]
  (Acme only)
- Safety nut [ ]
- Bellows [ ]
  (special option)
- Stainless steel push rod [ ]
- Stainless steel outer cover tube [ ]
- Encoder [ ]
  (If yes specify type)

Method of control (e.g. inverter, dc controlled, battery, …)

_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Description of function/operation & Additional information

_________________________________________________________________________________
_________________________________________________________________________________

Supply sketch if possible
Repeat or Spares Orders

Please enter the available details for a **Quotation** or **Order** to be raised

<table>
<thead>
<tr>
<th><strong>Servomech/LinearMech code</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type / Size (eg ATL, BSA)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Ratio (eg RL, RN2)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Linear speed (mm/sec)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Working Stroke (mm) / Code (eg C200)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Dynamic force (N)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Front attachment (eg ROE, FO, TS, FL, TF)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Duty (% running over 10mins at 25°C)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Input version (1, 2, 3 or 4)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Motor details (1-, 3-AC, DC, power, speed)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Brake details (if present, DC Volts)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Encoder details (100/500 pulses)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Terminal box position (N, E, S, W-standard, see catalogue)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Motor handing (RH standard or LH)</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Options / Accessories**

- **Stroke limit switches (FCE, FCM, FCP)** (NO or NC)
- **Rear bracket (SP)**
- **Safety clutch (FS)**
- **Anti-turn device (AR)**
- **Protective bellows (B)**
- **Other**