



# Linear Motion Products

## Product Overview

### Actuator Overview

SureMotion linear motion offers both motor-ready actuator assemblies, and a versatile assortment of sliding components and accessories to provide a wide variety of motion control solutions.

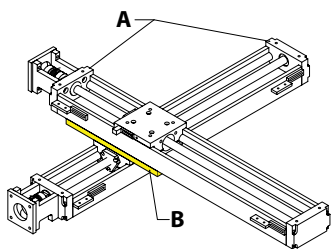
#### Linear Slide Actuator Comparisons

| Actuator Series Comparisons |                  |            |                        |                  |               |                |
|-----------------------------|------------------|------------|------------------------|------------------|---------------|----------------|
| Actuator Series             | Actuator Type    | Drive Type | Max Load Capacity (lb) | Max Speed (in/s) | Travel (in)   | Relative Price |
| LARSD2                      | Twin Round Shaft | Ball Screw | 920                    | 6                | 12, 24        | \$\$\$\$       |
| LACP2                       | Compact Slide    | Lead Screw | 125                    | 20               | 6, 12, 24, 36 | \$\$           |
| LAVL2                       | Value Slide      | Lead Screw | 110                    | 15               | 6, 12, 18, 24 | \$             |

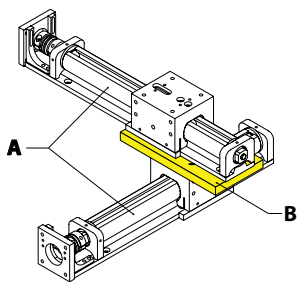


#### Available Multi-Axis Configurations

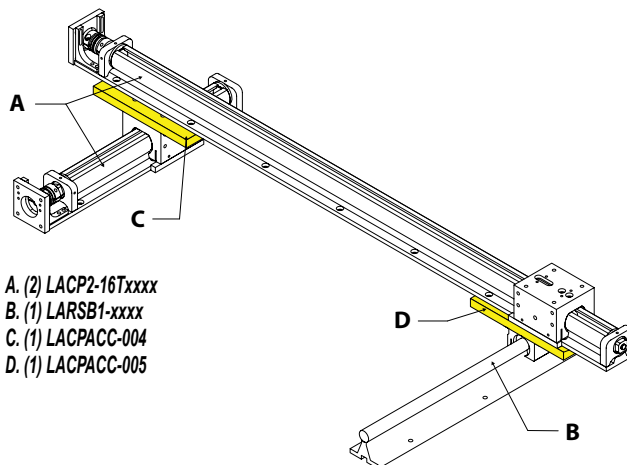
##### X-Y Axis Configurations



A. (2) LAVL2-60Txxxx  
B. (1) LAVLACC-004



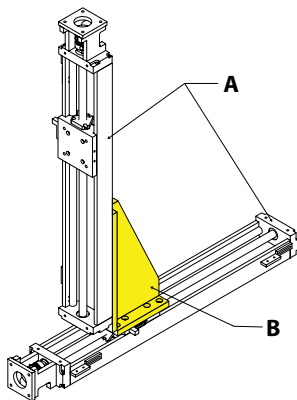
A. (2) LACP2-16Txxxx  
B. (1) LACPACC-004



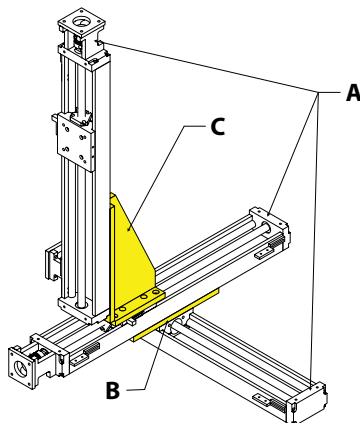
A. (2) LACP2-16Txxxx  
B. (1) LARSB1-xxxx  
C. (1) LACPACC-004  
D. (1) LACPACC-005

##### X-Z Axis Configuration

##### X-Y-Z Axis Configuration



A. (2) LAVL2-60Txxxx  
B. (1) LAVLACC-005



A. (3) LAVL2-60Txxxx  
B. (1) LAVLACC-004  
C. (1) LAVLACC-005



Click on the above video link for a short visual example of how our products can be used.



# Linear Motion Products

## Twin Round Shaft Slide Actuators



**LARSD2-08T12BP2C**

### Description

Continuously-supported round rail slide with ball screw actuation provides a very robust precision linear motion. Units are complete except for a drive motor.

### Features

- High-accuracy ball screw
- Continuously-supported guide rails
- Replacement components available
- Ready for NEMA 23 motor
- AISI 1566 Carbon Steel, 60 RC Round Shafts
- AISI 1045 Carbon Steel, 56 RC Ball Screw

### Applications

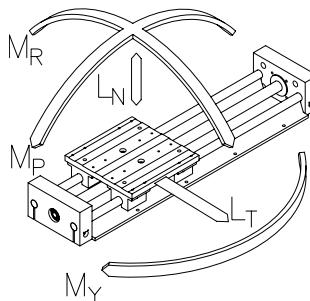
- Positioning systems
- Heavy loads

### Twin Round Shaft Slide Actuator Specifications

| Part Number             | Price      | Drive Type | Drive Pitch | Drive Screw Efficiency (%) | Payload Inertia Factor (in <sup>2</sup> ) | Constant System Inertia (lbm-in <sup>2</sup> ) | Travel | Weight (lb) | Fits Motor |
|-------------------------|------------|------------|-------------|----------------------------|-------------------------------------------|------------------------------------------------|--------|-------------|------------|
| <u>LARSD2-08T12BP2C</u> | \$3,157.00 | Ball screw | 0.2 in      | 83                         | 0.001                                     | 0.11                                           | 12in   | 10.5        | NEMA 23    |
| <u>LARSD2-08T24BP2C</u> | \$3,409.00 |            |             |                            |                                           | 0.16                                           | 24in   | 14.0        |            |

### System Inertia Calculation:

- To calculate the inertia reflected to the motor in a particular actuator, multiply the carriage payload by the payload inertia factor and then add the constant system inertia value for that actuator. The constant system inertia value for each system includes the inertia of the shaft coupler, carriage, and lead/ball screw.
- The payload must be in units of lb<sub>m</sub>.



**Load rating diagram**

### Twin Round Shaft Slide Actuator Load/Moment Ratings

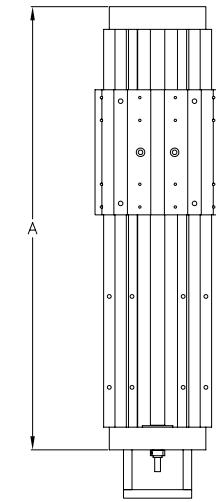
| Part Number             | Load (lb)       |             |     |               | Moment (lb-in) |          |        |
|-------------------------|-----------------|-------------|-----|---------------|----------------|----------|--------|
|                         | Actuator Thrust | Normal – LN |     | Transverse LT | Roll MR        | Pitch MP | Yaw MY |
|                         |                 | Down        | Up  |               |                |          |        |
| <b>LARSD2-08TxxBP2C</b> | 200             | 920         | 644 | 920           | 1046           | 1210     | 1730   |



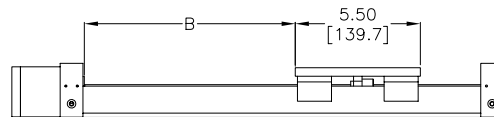
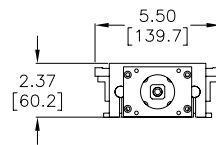
# Linear Motion Products

## Twin Round Shaft Slide Actuators

Dimensions (in [mm])



| PART NUMBER      | A                | B (TRAVEL)       |
|------------------|------------------|------------------|
| LARSD2-08T12BP2C | 19.50<br>[495.3] | 12.00<br>[304.9] |
| LARSD2-08T24BP2C | 31.5<br>[800.1]  | 24.00<br>[609.8] |



LARSD2-08TxxBP2C

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.

### Accessories

| Twin Round Shaft Slide Actuator Accessories |          |                                                                                                                            |             |
|---------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------|-------------|
| Part Number                                 | Price    | Description                                                                                                                | Weight (lb) |
| <a href="#"><u>LARSACC-010</u></a>          | \$31.50  | SureMotion linear ball bushing, open type, 1/2 inch inside diameter, with seals, self-aligning.                            | 0.5         |
| <a href="#"><u>LARSACC-013*</u></a>         | \$842.00 | SureMotion repair kit, for use with LARSD2-08T12BP2C actuators. Ballscrew, ballnut, end bearings and grease tube included. | 3.0         |
| <a href="#"><u>LARSACC-014*</u></a>         | \$829.00 | SureMotion repair kit, for use with LARSD2-08T24BP2C actuators. Ballscrew, ballnut, end bearings and grease tube included. | 5.0         |
| <a href="#"><u>LARSACC-015*</u></a>         | \$316.00 | SureMotion motor adapter, NEMA 23 frame. For use with LARSD2-08 series actuators. 1/4 x 1/4 inch coupler included.         | 1.0         |
| <a href="#"><u>LARSACC-016*</u></a>         | \$380.00 | SureMotion motor adapter, NEMA 34 frame. For use with LARSD2-08 series actuators. 1/2 x 1/4 inch coupler included.         | 1.0         |

\* Repair kits and NEMA 23/34 motor adapter contain replacement components that are the same as the original components in the actuator assemblies.



LARSACC-015(16)



LARSACC-013(014)

Some accessories not shown see [www.AutomationDirect.com](http://www.AutomationDirect.com) for additional product photos.



# Linear Motion Products

## Compact Slide Actuators - Generation 2



**LACP2-16T06LP5**

### Description

Self-contained linear actuator designed for light loads in a very small package. The base is a single piece design with integrated slide surfaces, and is hard anodized all over.

Generation 2 actuators have a reduced part count for more reliable operation, integral wireway through the body and more robust motor mount that fits both NEMA 17 and 23 motors.

### Features

- Compact design
- Replacement components available
- Ready for NEMA 17 motor (NEMA 23 motor requires new coupling)
- End-of-travel switch mounts
- AISI 6061-T6 Aluminum Alloy base, Hard Anodized on all surfaces to a depth of 0.0005 to 0.0015"
- AISI 303 Stainless Steel Lead Screw

### Applications

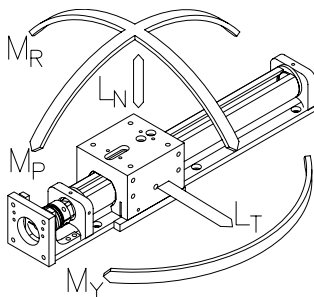
- Space-limiting applications
- Light loads
- Speeds up to 20 inches per second

### Compact Slide Actuator Specifications

| Part Number                    | Price      | Drive Type | Drive Pitch | Drive Screw Efficiency (%) | Payload Inertia Factor (in <sup>2</sup> ) | Constant System Inertia (lbm-in <sup>2</sup> ) | Travel | Weight (lb) | Fits Motor |
|--------------------------------|------------|------------|-------------|----------------------------|-------------------------------------------|------------------------------------------------|--------|-------------|------------|
| <a href="#">LACP2-16T06LP5</a> | \$1,485.00 | Lead screw | 0.5 in      | 52                         | 0.0063                                    | 0.016                                          | 6in    | 1.8         | NEMA 17    |
| <a href="#">LACP2-16T12LP5</a> | \$1,566.00 |            |             |                            |                                           | 0.017                                          | 12in   | 2.3         |            |
| <a href="#">LACP2-16T24LP5</a> | \$2,065.00 |            |             |                            |                                           | 0.020                                          | 24in   | 3.5         |            |
| <a href="#">LACP2-16T36LP5</a> | \$2,460.00 |            |             |                            |                                           | 0.024                                          | 36in   | 4.5         |            |
| <a href="#">LACP2-16T06L1</a>  | \$1,485.00 |            |             |                            |                                           | 0.022                                          | 6in    | 1.8         |            |
| <a href="#">LACP2-16T12L1</a>  | \$1,566.00 | 1in        | 44          | 0.025                      | 0.025                                     | 0.023                                          | 12in   | 2.3         |            |
| <a href="#">LACP2-16T24L1</a>  | \$2,065.00 |            |             |                            |                                           | 0.026                                          | 24in   | 3.5         |            |
| <a href="#">LACP2-16T36L1</a>  | \$2,460.00 |            |             |                            |                                           | 0.030                                          | 36in   | 4.5         |            |

### System Inertia Calculation:

- To calculate the inertia reflected to the motor in a particular actuator, multiply the carriage payload by the payload inertia factor and then add the constant system inertia value for that actuator. The constant system inertia value for each system includes the inertia of the shaft coupler, carriage, and lead/ball screw.
- The payload must be in units of lb<sub>m</sub>.



Load rating diagram

### Compact Slide Actuator Load/Moment Ratings

| Part Number                    | Load (lb)*      |             |    |            | Moment (lb-in)** |       |     |
|--------------------------------|-----------------|-------------|----|------------|------------------|-------|-----|
|                                | Actuator Thrust | Normal – LN |    | Transverse | Roll             | Pitch | Yaw |
|                                |                 | Down        | Up | LT         | MR               | MP    | MY  |
| <a href="#">LACP2-16TxxLP5</a> | 51              | 125         | 60 | 125        | 12               | 15    | 33  |
| <a href="#">LACP2-16TxxL1</a>  | 28              | 125         | 60 | 125        | 12               | 15    | 33  |

\* 30lb is the recommended maximum load capacity if the carriage is not externally supported against rolling. The higher load capacities are possible if the carriage is externally supported.

\*\* It is recommended that offset loads be located 5 inches or less from the center of the carriage. When the loads are offset at greater distances, the carriage can vibrate during travel.

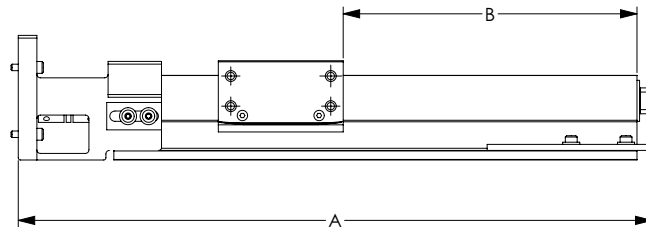
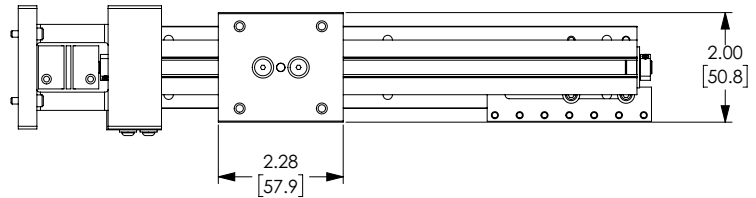
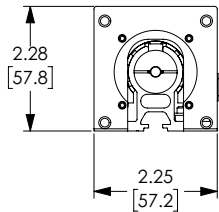


# Linear Motion Products

## Compact Slide Actuators - Generation 2

### Dimensions (in [mm])

| PART NUMBER    | A              | B (TRAVEL)    |
|----------------|----------------|---------------|
| LACP2-16T06LP5 | 11.57 [293.8]  | 6.40 [162.6]  |
| LACP2-16T12LP5 | 17.57 [446.2]  | 12.40 [315.0] |
| LACP2-16T24LP5 | 29.57 [751.0]  | 24.40 [619.8] |
| LACP2-16T36LP5 | 41.57 [1055.8] | 36.40 [924.6] |
| LACP2-16T06L1  | 11.57 [293.8]  | 6.40 [162.6]  |
| LACP2-16T12L1  | 17.57 [446.2]  | 12.40 [315.0] |
| LACP2-16T24L1  | 29.57 [751.0]  | 24.40 [619.8] |
| LACP2-16T36L1  | 41.57 [1055.8] | 36.40 [924.6] |



LACP2-16TxxLxx

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.

### Accessories

| Compact Slide Actuator Accessories |          |                                                                                                                     |             |
|------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------|-------------|
| Part Number                        | Price    | Description                                                                                                         | Weight (lb) |
| <b>LAVLACC-003*</b>                | \$316.00 | SureMotion motor adapter, NEMA 23 frame. For use with LAVL2-60 series actuators. 1/4 inch x 5 mm coupler included.  | 1.0         |
| <b>LACPACC-0021</b>                | \$856.00 | SureMotion repair kit, for use with LACP-16TxxLP5 actuators. Nut, bushings, end bearings and oil syringe included.  | 0.5         |
| <b>LACPACC-0031</b>                | \$856.00 | SureMotion repair kit, for use with LACP-16TxxL1 actuators. Nut, bushings, end bearings and oil syringe included.   | 0.5         |
| <b>LACPACC-004</b>                 | \$96.00  | SureMotion mounting plate, XY type. For use with LACP2-16 series actuators.                                         | 0.5         |
| <b>LACPACC-005</b>                 | \$122.00 | SureMotion mounting plate, XY type. For use with LACP2-16 and LARSB1 series actuators.                              | 0.5         |
| <b>LACPACC-0062</b>                | \$856.00 | SureMotion repair kit, for use with LACP2-16TxxLP5 actuators. Nut, bushings, end bearings and oil syringe included. | 1.0         |
| <b>LACPACC-0072</b>                | \$856.00 | SureMotion repair kit, for use with LACP2-16TxxL1 actuators. Nut, bushings, end bearings and oil syringe included.  | 1.0         |

\* Use the coupling and motor mount screws from this kit to adapt any LACP2 actuator assembly to accept a NEMA 23 motor.

<sup>1</sup> These repair kits contain parts to rebuild Generation 1 (LACP series) actuator assemblies.

<sup>2</sup> These repair kits contain parts to rebuilt current Generation 2 (LACP2 series) actuator assemblies.



LAVLACC-003



LACPACC-002(003)



LACPACC-004(005)

Some accessories not shown see [www.AutomationDirect.com](http://www.AutomationDirect.com) for additional product photos.



# Linear Motion Products

## Value Linear Slide Actuators - Generation 2



### Description

Low-cost linear actuator using the latest in sliding element technology. The base is a single piece design with integrated slide surfaces, and is hard anodized all over. This versatile unit can be mounted horizontally, vertically, or inverted without loss of load capacity.

Generation 2 actuators have a reduced part count for more reliable operation, integral sensor mount grooves on both sides and a more robust motor mount.

### Features

- Maintenance-free Rails and Rail Bushings
- Small footprint
- Adjustable carriage pre-load
- Replacement components available
- Ready for NEMA 17 motor
- T-slots enable limit switches to be positioned anywhere
- AISI 6061-T6 Aluminum Alloy base, hard anodized on all surfaces to a depth of 0.0005 to 0.0015"
- AISI 304 Stainless Steel Lead Screw
- Acetal NTA3 Lead Nut
- Drylin® Rail Bushings

### Applications

- Harsh or wet environments
- X-Y-Z positioning systems

### LAVL2-60T06LP2

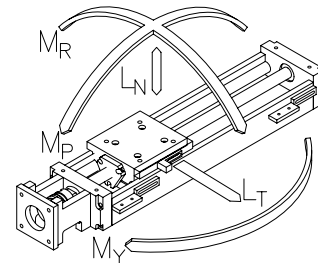
### Value Linear Slide Actuator Specifications

| Part Number                           | Price      | Drive Type | Drive Pitch | Drive Screw Efficiency (%) | Payload Inertia Factor (in <sup>2</sup> ) | Constant System Inertia (lbm-in <sup>2</sup> ) | Travel | Weight (lb) | Fits Motor |
|---------------------------------------|------------|------------|-------------|----------------------------|-------------------------------------------|------------------------------------------------|--------|-------------|------------|
| <a href="#"><u>LAVL2-60T06LP2</u></a> | \$1,038.00 | Lead screw | 0.2 in      | 47                         | 0.001                                     | 0.017                                          | 6in    | 2.0         | NEMA 17    |
| <a href="#"><u>LAVL2-60T12LP2</u></a> | \$1,304.00 |            |             |                            |                                           | 0.020                                          | 12in   | 2.8         |            |
| <a href="#"><u>LAVL2-60T18LP2</u></a> | \$1,578.00 |            |             |                            |                                           | 0.023                                          | 18in   | 3.5         |            |
| <a href="#"><u>LAVL2-60T24LP2</u></a> | \$1,842.00 |            |             |                            |                                           | 0.027                                          | 24in   | 4.2         |            |
| <a href="#"><u>LAVL2-60T06LP5</u></a> | \$1,038.00 |            |             |                            |                                           | 0.019                                          | 6in    | 2.0         |            |
| <a href="#"><u>LAVL2-60T12LP5</u></a> | \$1,304.00 | 0.5 in     | 57          | 0.0063                     | 0.0063                                    | 0.022                                          | 12in   | 2.8         |            |
| <a href="#"><u>LAVL2-60T18LP5</u></a> | \$1,578.00 |            |             |                            |                                           | 0.025                                          | 18in   | 3.5         |            |
| <a href="#"><u>LAVL2-60T24LP5</u></a> | \$1,842.00 |            |             |                            |                                           | 0.028                                          | 24in   | 4.2         |            |

NOTE: The Lead Screw is lubricated at the factory with PTFE oil. It should be re-lubed periodically. Rails and bushing lubrication not required.

### System Inertia Calculation:

- To calculate the inertia reflected to the motor in a particular actuator, multiply the carriage payload by the payload inertia factor and then add the constant system inertia value for that actuator. The constant system inertia value for each system includes the inertia of the shaft coupler, carriage, and lead/ball screw.
- The payload must be in units of lb<sub>m</sub>.



Load rating diagram

### Value Linear Slide Actuator Load/Moment Ratings

| Part Number                           | Load (lb)       |             |     |               | Moment (lb-in)* |          |        |
|---------------------------------------|-----------------|-------------|-----|---------------|-----------------|----------|--------|
|                                       | Actuator Thrust | Normal – LN |     | Transverse LT | Roll MR         | Pitch MP | Yaw MY |
|                                       |                 | Down        | Up  |               | MR              | MP       | MY     |
| <a href="#"><u>LAVL2-60TxxLP2</u></a> | 70              | 110         | 110 | 110           | 50              | 32       | 32     |
| <a href="#"><u>LAVL2-60TxxLP5</u></a> | 50              | 110         | 110 | 110           | 50              | 32       | 32     |

\* It is recommended that offset loads be located 5 inches or less from the center of the carriage. When the loads are offset at greater distances, the carriage can vibrate during travel.

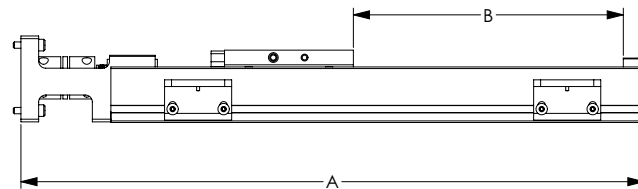
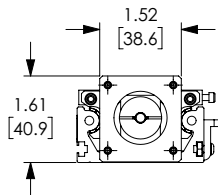
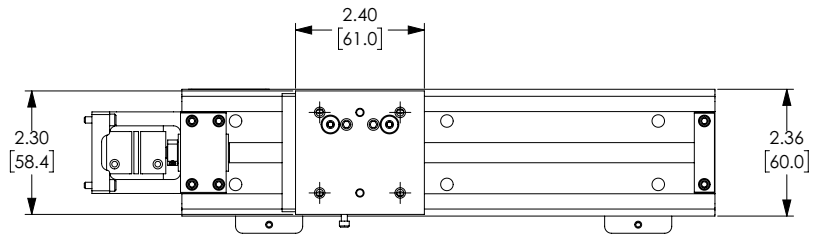


# Linear Motion Products

## Value Linear Slide Actuators - Generation 2

**Dimensions (in [mm])**

| PART NUMBER    | A             | B (TRAVEL)    |
|----------------|---------------|---------------|
| LAVL2-60T06LP2 | 11.61 [294.8] | 6.03 [153.1]  |
| LAVL2-60T12LP2 | 17.61 [447.2] | 12.03 [305.6] |
| LAVL2-60T18LP2 | 23.61 [599.6] | 18.03 [458.0] |
| LAVL2-60T24LP2 | 29.61 [752.0] | 24.03 [610.3] |
| LAVL2-60T06LP5 | 11.61 [294.8] | 6.03 [153.1]  |
| LAVL2-60T12LP5 | 17.61 [447.2] | 12.03 [305.6] |
| LAVL2-60T18LP5 | 23.61 [599.6] | 18.03 [458.0] |
| LAVL2-60T24LP5 | 29.61 [752.0] | 24.03 [610.3] |



**LAVL2-60TxxLPx**

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.

### Accessories

| Value Linear Slide Actuator Accessories |          |                                                                                                                     |             |
|-----------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------|-------------|
| Part Number                             | Price    | Description                                                                                                         | Weight (lb) |
| <b>LAVLACC-001*</b>                     | \$380.00 | SureMotion repair kit, for use with LAVL-60TxxLP2 actuators. Nut, bushings, end bearings and oil syringe included.  | 0.5         |
| <b>LAVLACC-002*</b>                     | \$380.00 | SureMotion repair kit, for use with LAVL-60TxxLP5 actuators. Nut, bushings, end bearings and oil syringe included.  | 0.5         |
| <b>LAVLACC-003</b>                      | \$316.00 | SureMotion motor adapter, NEMA 23 frame. For use with LAVL2-60 series actuators. 1/4 inch x 5 mm coupler included.  | 1.0         |
| <b>LAVLACC-004</b>                      | \$147.00 | SureMotion mounting plate, XY type. For use with LAVL2-60 series actuators.                                         | 0.5         |
| <b>LAVLACC-005</b>                      | \$331.00 | SureMotion mounting plate, XZ type. For use with LAVL2-60 series actuators.                                         | 1.0         |
| <b>LAVLACC-006*</b>                     | \$380.00 | SureMotion repair kit, for use with LAVL2-60TxxLP2 actuators. Nut, bushings, end bearings and oil syringe included. | 1.0         |
| <b>LAVLACC-007*</b>                     | \$380.00 | SureMotion repair kit, for use with LAVL2-60TxxLP5 actuators. Nut, bushings, end bearings and oil syringe included. | 1.0         |

\* Repair kits contain replacement components that are the same as the original components in the actuator assemblies.



Some accessories not shown see [www.AutomationDirect.com](http://www.AutomationDirect.com) for additional product photos.



# Linear Motion Products

## Round-Shaft Slide Elements

### Description

Round-shaft sliding elements can be combined with other elements to build a huge variety of machine mechanisms. Available in both end- and continuously-supported shafts.

### Features

- Linear ball bearings
- High quality clear anodized aluminum blocks
- AISI 1566 Carbon Steel, 60 RC Round Shafts



NOTE: Pillow blocks are shipped without lubrication and should be lubricated prior to use. A lubrication port is available.



LARSA1-12L12C



LARSB1-12L12C

## Slide Rail Systems Load Ratings

| Part Number                         | Normal (lb) |     | Transverse (lb) |
|-------------------------------------|-------------|-----|-----------------|
|                                     | Down        | Up  |                 |
| Pillow Blocks / Bushings for LARSA1 |             |     |                 |
| LARSACC-001/007                     | 230         |     |                 |
| LARSACC-002/008                     | 470         |     |                 |
| LARSACC-003/009                     | 850         |     |                 |
| LARSA1 Linear Slide Assemblies      |             |     |                 |
| LARSA1-08LxxC                       | 460         |     |                 |
| LARSA1-12LxxC                       | 940         |     |                 |
| LARSA1-16LxxC                       | 1700        |     |                 |
| Pillow Blocks / Bushings for LARSB1 |             |     |                 |
| LARSACC-004/010                     | 230         | 161 | 230             |
| LARSACC-005/011                     | 470         | 268 | 470             |
| LARSACC-006/012                     | 850         | 485 | 850             |
| LARSB1 Linear Slide Assemblies      |             |     |                 |
| LARSB1-08LxxC                       | 460         | 322 | 460             |
| LARSB1-12LxxC                       | 940         | 536 | 940             |
| LARSB1-16LxxC                       | 1700        | 970 | 1700            |

## End-Supported Slide Rail Systems

| Part Number                   | Price    | Shaft Diameter | Overall Length (in) | Weight (lb) |
|-------------------------------|----------|----------------|---------------------|-------------|
| <a href="#">LARSA1-08L12C</a> | \$354.00 | 1/2            | 12                  | 1.5         |
| <a href="#">LARSA1-08L24C</a> | \$366.00 | 1/2            | 24                  | 2.0         |
| <a href="#">LARSA1-08L36C</a> | \$393.00 | 1/2            | 36                  | 2.7         |
| <a href="#">LARSA1-12L12C</a> | \$447.00 | 3/4            | 12                  | 3.0         |
| <a href="#">LARSA1-12L24C</a> | \$473.00 | 3/4            | 24                  | 4.5         |
| <a href="#">LARSA1-12L36C</a> | \$498.00 | 3/4            | 36                  | 6.0         |
| <a href="#">LARSA1-16L12C</a> | \$597.00 | 1              | 12                  | 6.0         |
| <a href="#">LARSA1-16L24C</a> | \$637.00 | 1              | 24                  | 8.5         |
| <a href="#">LARSA1-16L36C</a> | \$671.00 | 1              | 36                  | 11.0        |

(2) single pillow blocks included

\* Bushings and pillow blocks are replacement components that are the same as the original components in the slide assemblies.

## Closed Type Pillow Blocks and Bushings

| Part Number                 | Price    | Fits Shaft Diameter (in) | Weight (lb) | Image |
|-----------------------------|----------|--------------------------|-------------|-------|
| <a href="#">LARSACC-001</a> | \$69.00  | 1/2                      | 0.3         |       |
| <a href="#">LARSACC-002</a> | \$89.00  | 3/4                      | 0.6         |       |
| <a href="#">LARSACC-003</a> | \$125.00 | 1                        | 1.2         |       |
| <a href="#">LARSACC-007</a> | \$27.00  | 1/2                      | 0.1         |       |
| <a href="#">LARSACC-008</a> | \$31.50  | 3/4                      | 0.2         |       |
| <a href="#">LARSACC-009</a> | \$51.00  | 1                        | 0.3         |       |

## Continuously-Supported Slide Rail Systems

| Part Number                   | Price    | Shaft Diameter | Overall Length (in) | Weight (lb) |
|-------------------------------|----------|----------------|---------------------|-------------|
| <a href="#">LARSB1-08L12C</a> | \$366.00 | 1/2            | 12                  | 2.0         |
| <a href="#">LARSB1-08L24C</a> | \$456.00 | 1/2            | 24                  | 3.0         |
| <a href="#">LARSB1-08L36C</a> | \$568.00 | 1/2            | 36                  | 4.5         |
| <a href="#">LARSB1-12L12C</a> | \$458.00 | 3/4            | 12                  | 4.0         |
| <a href="#">LARSB1-12L24C</a> | \$597.00 | 3/4            | 24                  | 6.2         |
| <a href="#">LARSB1-12L36C</a> | \$733.00 | 3/4            | 36                  | 9.0         |
| <a href="#">LARSB1-16L12C</a> | \$594.00 | 1              | 12                  | 6.5         |
| <a href="#">LARSB1-16L24C</a> | \$768.00 | 1              | 24                  | 10.5        |
| <a href="#">LARSB1-16L36C</a> | \$925.00 | 1              | 36                  | 14.5        |

(2) single pillow blocks included

\* Bushings and pillow blocks are replacement components that are the same as the original components in the slide assemblies.

## Open Type Pillow Blocks and Bushings

| Part Number                  | Price    | Fits Shaft Diameter (in) | Weight (lb) | Image |
|------------------------------|----------|--------------------------|-------------|-------|
| <a href="#">LARSACC-004*</a> | \$76.00  | 1/2                      | 0.3         |       |
| <a href="#">LARSACC-005*</a> | \$97.00  | 3/4                      | 0.6         |       |
| <a href="#">LARSACC-006*</a> | \$138.00 | 1                        | 1.2         |       |
| <a href="#">LARSACC-010</a>  | \$31.50  | 1/2                      | 0.1         |       |
| <a href="#">LARSACC-011</a>  | \$39.50  | 3/4                      | 0.2         |       |
| <a href="#">LARSACC-012</a>  | \$65.00  | 1                        | 0.3         |       |

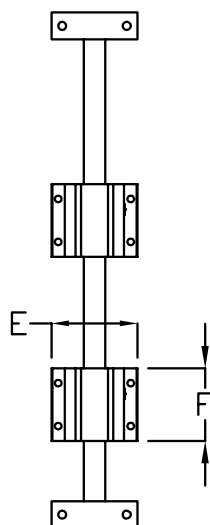
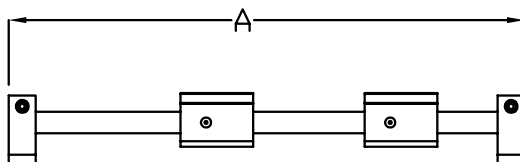
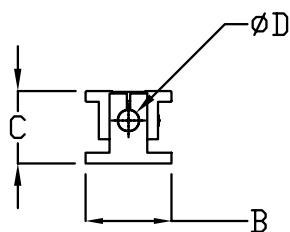
\*Preload Adjustment available



# Linear Motion Products

## Round-Shaft Slide Elements

Dimensions (in [mm])



**LARSA1-xxLxxC  
& LARSB1-xxLxxC\***

| PART #                        | A            | B           | C           | ØD          | E           | F           |
|-------------------------------|--------------|-------------|-------------|-------------|-------------|-------------|
| <a href="#">LARSA1-08L12C</a> | 12.0 [304.8] | 2.00 [50.8] | 1.70 [42.9] | 0.50 [12.7] | 2.00 [50.8] | 1.69 [42.9] |
| <a href="#">LARSA1-08L24C</a> | 24.0 [609.6] |             |             |             |             |             |
| <a href="#">LARSA1-08L36C</a> | 36.0 [914.4] |             |             |             |             |             |
| <a href="#">LARSA1-12L12C</a> | 12.0 [304.8] | 2.50 [63.5] | 2.19 [55.6] | 0.75 [19.0] | 2.75 [69.9] | 2.06 [52.4] |
| <a href="#">LARSA1-12L24C</a> | 24.0 [609.6] |             |             |             |             |             |
| <a href="#">LARSA1-12L36C</a> | 36.0 [914.4] |             |             |             |             |             |
| <a href="#">LARSA1-16L12C</a> | 12.0 [304.8] | 3.06 [77.8] | 2.69 [68.3] | 1.00 [25.4] | 3.25 [82.6] | 2.81 [71.5] |
| <a href="#">LARSA1-16L24C</a> | 24.0 [609.6] |             |             |             |             |             |
| <a href="#">LARSA1-16L36C</a> | 36.0 [914.4] |             |             |             |             |             |
| <a href="#">LARSB1-08L12C</a> | 12.0 [304.8] | 1.50 [38.1] | 1.81 [46.0] | 0.50 [12.7] | 2.00 [50.8] | 1.50 [38.1] |
| <a href="#">LARSB1-08L24C</a> | 24.0 [609.6] |             |             |             |             |             |
| <a href="#">LARSB1-08L36C</a> | 36.0 [914.4] |             |             |             |             |             |
| <a href="#">LARSB1-12L12C</a> | 12.0 [304.8] | 1.75 [44.5] | 2.44 [61.9] | 0.75 [19.0] | 2.75 [69.9] | 1.88 [47.6] |
| <a href="#">LARSB1-12L24C</a> | 24.0 [609.6] |             |             |             |             |             |
| <a href="#">LARSB1-12L36C</a> | 36.0 [914.4] |             |             |             |             |             |
| <a href="#">LARSB1-16L12C</a> | 12.0 [304.8] | 2.13 [54.0] | 2.94 [74.6] | 1.00 [25.4] | 3.25 [82.6] | 2.63 [66.7] |
| <a href="#">LARSB1-16L24C</a> | 24.0 [609.6] |             |             |             |             |             |
| <a href="#">LARSB1-16L36C</a> | 36.0 [914.4] |             |             |             |             |             |

\*LARSA1-xxLxxC is shown in drawing. LARSB1-xxLxxC has different appearance, but same dimensions as shown in this table.

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