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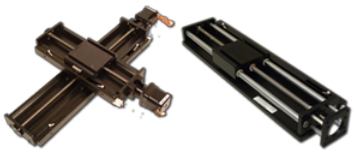
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Find the *Anaheim Automation LS100-12-A-B-5O-C* at our website: *Click HERE*

# LS100 - Anaheim Automation Linear Tables

- ***Travel Options:*** *6, 12 or 18 Inches*
- ***Accuracy:*** *0.003 in/ft*
- ***Speed:*** *Up to 10 in/sec*
- *Unsupported Rails, Low-Profile Design*
- *Light Duty Applications, Up to 20 lbs.*
- *Motor and Encoder and Cable Options*
- *Build Part Number to your Requirements*
- *One and two-axis configurations (see Ordering Information for full part number)*



The LS100 Series Linear Stages are designed to provide accurate precision while minimizing physical size and cost. These tables use a low friction, preloaded stainless steel acme lead screw, twin railed linear system. Three different acme screws can be installed in the LS100 tables, providing solutions for typical industrial applications. Ideal for light applications, the LS 100 is perfect for applications less than 20 pounds, accuracy within 0.005", and speed ranges up to 10 inches per second. The LS100 Series Linear Stage is an economical package with a low-cost base price (includes a basic 6-inch travel with no options) designed and built in the USA! The table can be setup to be open loop or closed loop (Assembled with encoders), homing and end limit switch options, variety of lead screw pitches, stepper motors, and 6, 12, and 18 inch travel is available.

**Lead time varies depending on motor stock. Tables purchased without a motor are typically 3 days.**
**Contact Customer Service for specific lead time information.**

| Item | Dynamic Load (lbs) | Travel (in) | Lead (in/rev) | Limit Option | Encoder/ Brake Option | Motor Option | Price (USD) | Quantity Discounts | Stock Status | Add To Cart |
|---|---|---|---|---|---|---|---|---|---|---|
| LS100-06-A-N-00-N | 20 | 6 | 0.0625 | No Limits | None | None | $528.00 | view here | Typ. 3 Days | |
| LS100-06-A-N-3A-N | 20 | 6 | 0.0625 | No Limits | None | Size 23, 1/2 Stack | $650.00 | view here | Typ. 3 Days | Contact Us |
| LS100-06-D-S-3E-K | 20 | 6 | 0.2 | End of Travel | 80 oz-in | Size 23, 1/2 Stack | $817.00 | view here | Typ. 3 Days | |
| LS100-06-H-B-4M-B | 20 | 6 | 0.5 | End of Travel & Home Proximity | 400 Line | Driver | $913.00 | view here | Typ. 3 Days | |
| LS100-06-A-N-5E-N | 20 | 6 | 0.0625 | No Limits | None | Driver & Indexer | $703.00 | view here | Typ. 3 Days | Contact Us |
| LS100-12-A-N-00-N | 20 | 12 | 0.0625 | No Limits | None | None | $570.00 | view here | Typ. 3 Days | Contact Us |
| LS100-12-A-N-3A-N | 20 | 12 | 0.0625 | No Limits | None | Size 23, 1/2 Stack | $692.00 | view here | Typ. 3 Days | |
| LS100-12-D-S-3E-K | 20 | 12 | 0.2 | End of Travel | 80 oz-in | Size 23, 1/2 Stack | $859.00 | view here | Typ. 3 Days | Contact Us |
| LS100-12-H-B-4M-B | 20 | 12 | 0.5 | End of Travel & Home Proximity | 400 Line | Driver | $955.00 | view here | Typ. 3 Days | |
| LS100-12-A-N-5E-N | 20 | 12 | 0.0625 | No Limits | None | Driver & Indexer | $745.00 | view here | Typ. 3 Days | |
| LS100-18-A-N-00-N | 20 | 18 | 0.0625 | No Limits | None | None | $600.00 | view here | Typ. 3 Days | Contact Us |
| LS100-18-A-N-3A-N | 20 | 18 | 0.0625 | No Limits | None | Size 23, 1/2 Stack | $722.00 | view here | Typ. 3 Days | Contact Us |
| LS100-18-D-S-3E-K | 20 | 18 | 0.2 | End of Travel | 80 oz-in | Size 23, 1/2 Stack | $889.00 | view here | Typ. 3 Days | Contact Us |
| LS100-18-H-B-4M-B | 20 | 18 | 0.5 | End of Travel & Home Proximity | 400 Line | Driver | $985.00 | view here | Typ. 3 Days | |
| LS100-18-A-N-5E-N | 20 | 18 | 0.0625 | No Limits | None | Driver & Indexer | $775.00 | view here | Typ. 3 Days | |

## Ordering Information

# LS100 - 06 - A - N - 3A - N

| Series |
|---|

| Travel Options | |
|---|---|
| 6 | 6” |
| 12 | 12” |
| 18 | 18” |

| Screw Options | |
|---|---|
| A | .0625” |
| D | .200” |
| H | .500” |

| Limit Options | |
|---|---|
| N | No Limits |
| S | End of Travel |
| B | End of Travel & Home Prox. |

| Encoder/Brake Options | |
|---|---|
| N | No Brake or Encoder |
| B | 400 Line Encoder |
| C | 1000 Line Encoder |
| K | 80 oz-in Brake |

- All Tabels Assembled with a Zero Backlash Nut
- All Tables Include a 10ft Motor Cable
- All Tables with Limits Include a 10ft Limit Cable
- All Tables with Encoders Include a 10ft Encoder Cable
- Custom Options Available, Contact Factory for Details

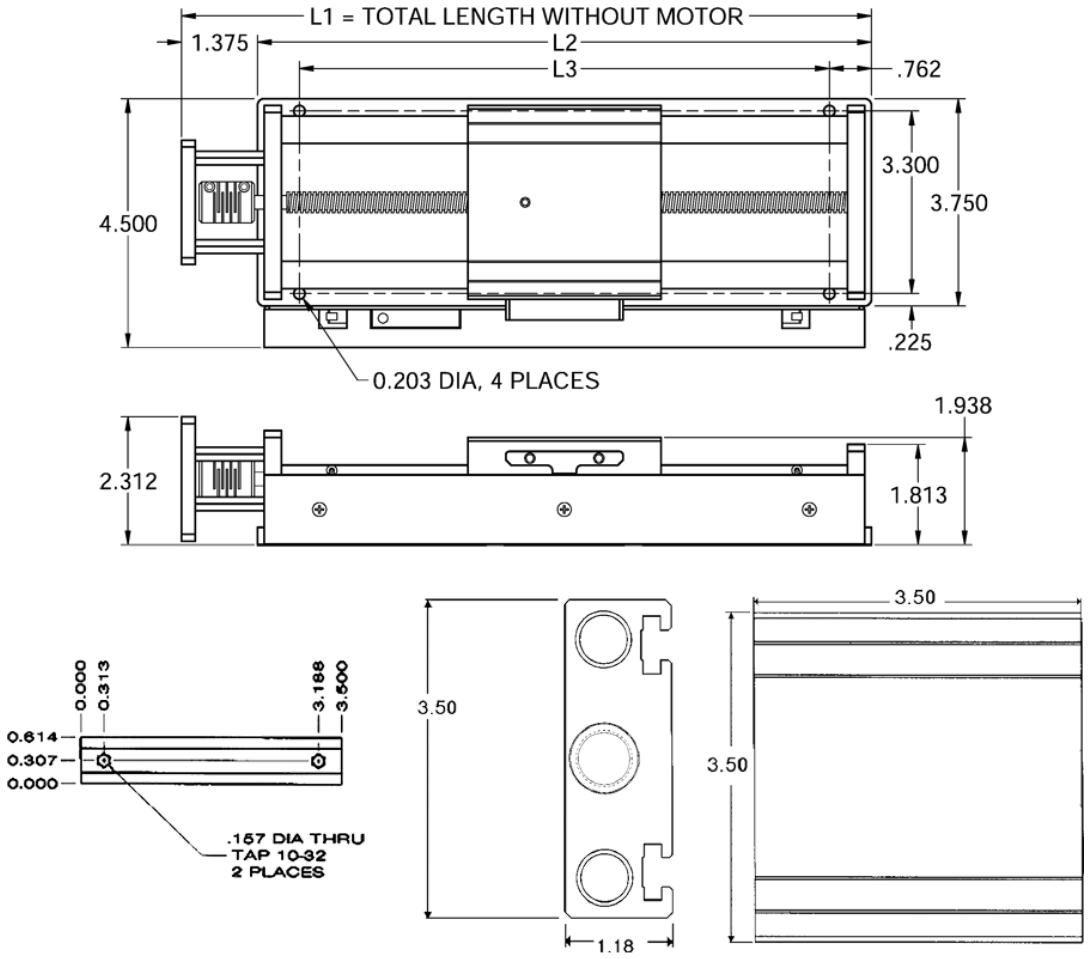
| Motor Options | | |
|---|---|---|
| 00 | | **No Motor** |
| 01 | | **Coupling, No Motor** |
| **Motors Only** | | |
| **SS** | **DS** | Motor Type |
| **3A** | **3E** | Size 23, 1/2 Stack, 3A |
| **3B** | **3F** | Size 23, 1 Stack, 3A |
| **3C** | **3G** | Size 23, 2 Stack, 3A |
| **Motors with Integrated Driver (All Motor/Drives are Size 23)** | | |
| **SS** | **DS** | Motor Type |
| **4G** | **4M** | 1/2 Stack, Sinking |
| **4H** | **4N** | 1/2 Stack, Sourcing |
| **4E** | **4K** | 1 Stack, Sinking |
| **4F** | **4L** | 1Stack, Sourcing |
| **4I** | **4O** | 2 Stack, Sinking |
| **4J** | **4P** | 2 Stack, Sourcing |
| **Motors with Integrated Controller and Driver (All Motor/Driver/Controllers are Size 23)** | | |
| **5E** | **5K** | 1 Stack |

| Accessories | |
|---|---|
| LS100-TNUT-01 | T Nuts for Mounting External Materials to Carriage (4 Per Set) |
| LS100-TNUT-2 | T Nuts for Mounting LS100 Tables Together to Create Multiple Axes Systems (2 Per Set) |

Cables will be supplied based on the table part number selected. All cables have a mating connector to the table assembly and have flying leads on the opposite end to connect to Driver/ Controller/ Power Supply Terminals.

| Cable P/N | Function |
|---|---|
| CBL-AA4101-10 | 10ft Limits/Home Sensor Cable with 6 Pin Mating Connector |
| CBL-AA4102-10 | 10ft Motor Cable with 8 Pin Mating Connector |
| CBL-AA4175-10 | 10ft Encoder Cable with 5 Pin Mating Connector |
| CBL-AA4266 | 10ft 23MD Series Motor/Driver with 7 Pin Mating Connector |

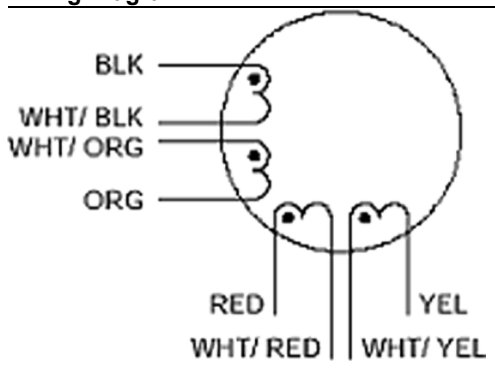
## Dimensions




*All units are inches

| | Length (Inches) | | |
|---|---|---|---|
| | L1 | L2 | L3 |
| 6” | 12.500 | 11.125 | 9.600 |
| 12” | 18.500 | 17.125 | 15.500 |
| 18” | 24.500 | 23.125 | 21.500 |

**Wiring Diagram**




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