



## SPECIFICATION SHEET

# COLUMN - KDZT006D



### KAIDI LIFTING COLUMNS TO ELEVATE YOUR BUSINESS

Reliable KAIDI linear actuator motors blend performance and adaptability to your range of height-adjustable solutions. With its robust construction and precise linear actuating technology, it ensures not only smooth and near-silent height adjustments but also a dependable user experience.

- Square Profile, Dual Stage Column
- Low Noise (<50dB)
- Very Low Standby Power Consumption
- No Side Holes on Tubes

### FEATURING

**ANTI-COLLISION  
TECHNOLOGY**

**HIGH STABILITY**

## KDZT006D PERFORMANCE SPECIFICATIONS

|                           |                                     |                    |                                            |                    |
|---------------------------|-------------------------------------|--------------------|--------------------------------------------|--------------------|
|                           | SINGLE-COLUMN PERFORMANCE*          |                    |                                            |                    |
|                           | Relative Humidity<br>20%-75%        |                    | Ambient Temperature<br>41°-104°F / 5°-40°C |                    |
|                           | Standard KAIDI Control Boxes*       |                    |                                            |                    |
|                           | KDDY104<br>(1 or 2-Leg)             | KDDY094<br>(2-Leg) | KDDY099<br>(3-Leg)                         | KDDY106<br>(4-Leg) |
|                           | Max Dynamic                         | 150 lb. / 68 kg    | 150 lb. / 68 kg                            | 116 lb. / 53 kg    |
| Max Static                | 150 lb. / 68 kg                     | 150 lb. / 68 kg    | 116 lb. / 53 kg                            | 150 lb. / 68 kg    |
| Rated                     | 110 lb. / 50 kg                     | 110 lb. / 50 kg    | 110 lb. / 50 kg                            | 110 lb. / 50 kg    |
| Material                  | SPCC Steel                          |                    |                                            |                    |
| Input Voltage             | 20VDC                               |                    |                                            |                    |
| Duty Cycle                | 10%, MAX. 1 Minute ON/9 Minutes OFF |                    |                                            |                    |
| Noise Level               | 45-48dB                             |                    |                                            |                    |
| Protection Grade          | IP42                                |                    |                                            |                    |
| UL Certification          | E321853                             |                    |                                            |                    |
| Control Box Compatibility | 230VAC or 120VAC                    |                    |                                            |                    |
| Assembly Style            | Conventional                        |                    |                                            |                    |

\*Refer to Service Life Definitions document, provided at your request.

\*\* Contact your Sales Associate for 230VAC Cable Replacement

## DIMENSION SPECIFICATIONS

|             |                     |                     |                 |              |           |
|-------------|---------------------|---------------------|-----------------|--------------|-----------|
| Stroke      | A) 26.1, B) 25.6 in | A) 650, B) 663 mm   | Speed (No Load) | 1.42 in/sec  | 36 mm/sec |
| Min. Height | A) 21.1, B) 22.8 in | A) 536, B) 580 mm   | Column Profile  | 2.72x2.72 in | 69x69 mm  |
| Max. Height | A) 47.2, B) 48.4 in | A) 1199, B) 1230 mm | Product Weight  | 15.8 lb.     | 7.2 kg    |

