



DYNAMIC MOTION system

DMD500

Born to drive.

DESCRIPTION

Phenomenal. The intelligent technology within the DYNAMIC MOTION system's Actuators delivers a uniquely powerful, responsive driving experience without the need for external Control Boxes.

The DMD500's Plug&Play compatibility concept facilitates total freedom in design for a vast range of single-stage adjustable table systems, including benching and conference applications. With countless other features – including ultra-quiet brushless motor technology and an as-standard inbuilt collision sensor that dramatically reduces the risk of costly system damage – the DMD500 plays an integral role in the creation of the intelligent height-adjustable solutions that the modern workplace desires.

FEATURES

- Inline Actuator for single-stage telescopic table legs
- Integrated Control Unit – no need for external Control Boxes
- Market-leading efficiency and responsiveness
- Compatibility with bench and conference applications
- Brushless motor technology
- Simplified cable management system
- Integrated collision sensor

TECHNICAL DATA

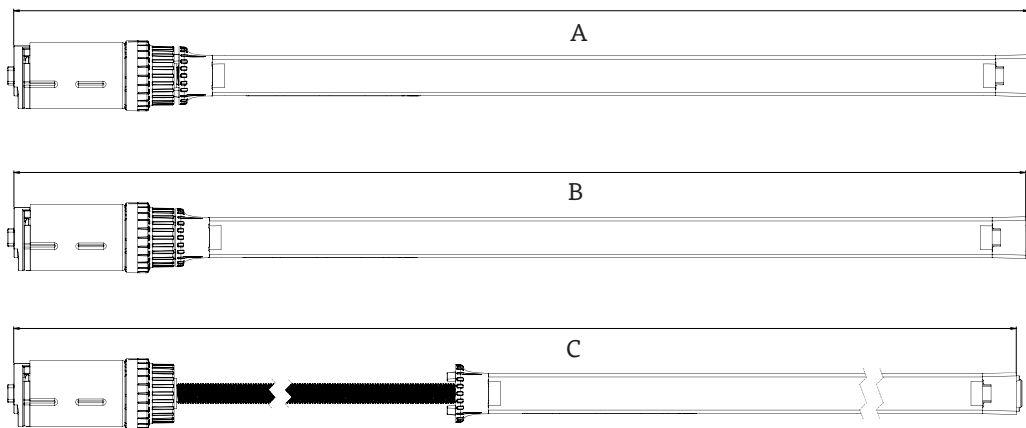
- Dynamic load: Up to 700 N per Actuator
- Diameter: 42 mm / 1.65 "
- Installation length: 606 mm / 23.84 "
- Stroke: 497 mm / 19.57 "
- Constant speed: 38 mm/s / 1.50 "/s (until full load)

Contact Headquarters

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TECHNICAL DATA

Supply Voltage	28.5 V DC
Maximum static load	1200 N per Actuator
Maximum dynamic load	700 N per Actuator
Nominal Speed / Load	38 mm/s until full load
Ambient conditions during operation	+5 °C to +40 °C at max. 68% relative air humidity (non-condensing), up to an altitude of 2 000 m.
Ambient conditions during transport and storage	-25 °C to +40 °C at max. 68% relative air humidity (non-condensing). +40 °C to +60 °C at max. 32% relative air humidity (non-condensing). Temperatures of more than +40 °C for periods not exceeding 10h. Product must be acclimatised to acceptable operating conditions before assembly. Contact LOGICDATA for exact specifications.
(A) Installation Length	605.6 mm (+2 mm / - 1.5 mm)
(B) Retracted Length (reset position)	603.6 mm (+2 mm / - 1.5 mm)
(C) Extended Length (full stroke)	1102.6 mm (+2 mm / - 2 mm)
Stroke (Length C - Length A)	497.00 mm (+1.3 mm / -1.3 mm)
Largest outer diameter	42 mm ±0.3 mm
Weight	Approx. 1200 g
Standby power consumption	< 0.06 W
Cable Requirements	See Datasheet: <u>DYNAMIC MOTION Cables</u>
Compatibility	Part of the DYNAMIC MOTION system
Applicable standards	EN 60335-1:2012/A11:2014 EMC directive 2014/30/EU RoHS directive 2011/65/EU REACH 1907/2006 Dodd Frank Act Section 1502 Machinery Directive 2006/42/EC
Order Code	DMD500-a-b <div style="margin-left: 20px;"> Reserved for customer coding (up to 15 characters, optional) Customer code (up to 3 digits, LD is standard) </div>