



DMDspindle P1

Born to Drive.

DESCRIPTION

Smart. The intelligent drives of the DYNAMIC MOTION System eliminate the need for external control boxes, offering a unique driving experience with ultimate responsiveness. The Plug & Play concept of the DMDspindle provides maximum compatibility and total freedom in design. Brushless motor technology powers quiet, efficient motion, while a built-in collision sensor reduces the risk of costly system damage. It's a working example of the development of intelligent, height-adjustable solutions for modern work and home environments.

FEATURES

- Integrated Control Unit – No External Control Required
- Market-Leading Performance and Responsiveness
- Ideal for Synchronization of Multiple Drive Units
- Brushless Motor Technology
- Intelligent Cabling System
- Integrated Collision Sensor
- Spindle Drive for a Wide Range of Applications

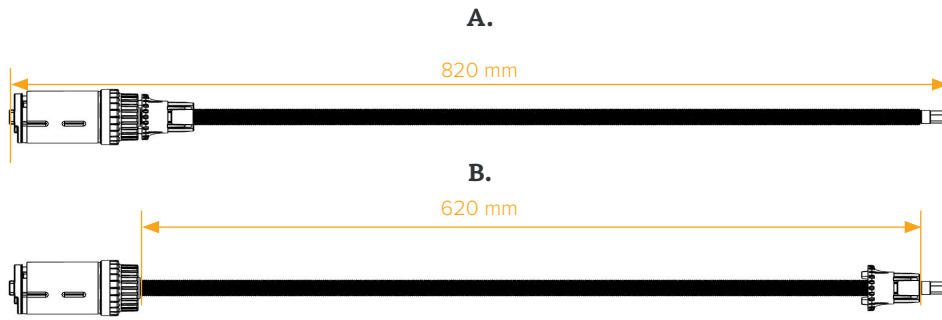
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TECHNICAL DATA

Power Input	via LOGICDATA Power supply or 24 V DC supply
Max. Static Force	1 250 N per Drive
Max. Dynamic Force	500 N per Drive
Nominal Speed/Load	38 mm/s (at max. Load)
Outer Diameter	42 mm \pm 0,3 mm
(A) Installation Length	820 mm (+2 mm / - 1,5 mm)
(B) Stroke Length	620 mm (+2 mm / - 1,5 mm)
Product Weight	Approx. 950g
Standby Power Consumption	0,012 W
Environmental Conditions (Operation):	+5°C to +40°C at max. 68% relative humidity (non-condensing), up to an altitude of 2 000 m
Environmental Conditions (Transport and Storage)	-25°C to +40°C at max. 68% relative humidity (non-condensing). +40°C to +60°C at max. 32% relative humidity (non-condensing). Temperatures above +40°C are permissible only for a maximum of 10 hours. Before installation, the product must be acclimated to the permissible operating conditions. Contact LOGICDATA for detailed specifications.
Standards and Directives	RoHS Directive 2011/65/EU REACH 1907/2006 Dodd Frank Act (1502)

Order Code Example: DMDspindle-P2-620-LDS-xy
DMDspindle - P2 - 000 - FFF - 00 - 01

