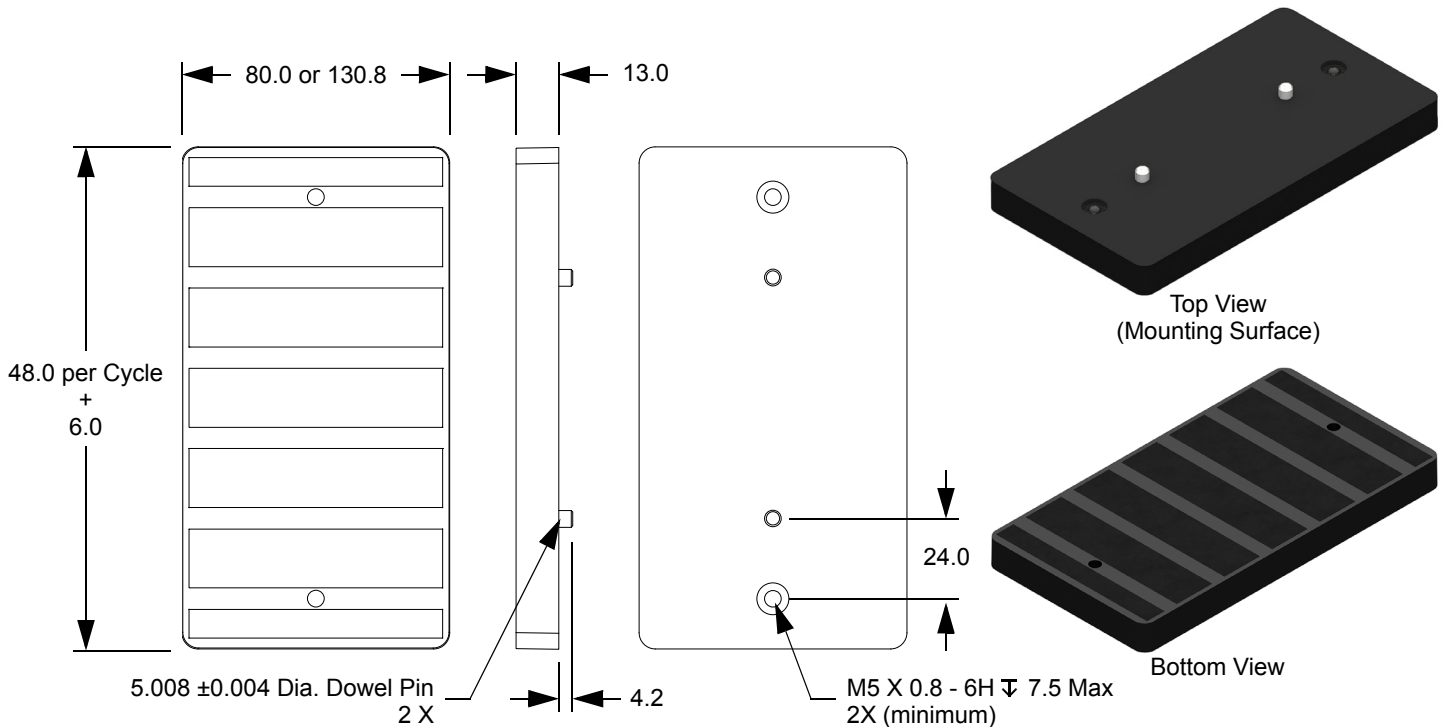


QuickStick 100 Magnet Arrays, Potted

Catalog Numbers: 700-0256-01, 700-0256-05, 700-0256-07, 700-0256-11, 700-0256-13, 700-0256-15, 700-0256-19, 700-0256-25, 700-0256-31, 700-0256-35, 700-0369-05, 700-0369-07, 700-0369-09, 700-0369-19



- QuickStick[®] 100 systems consist of modules that include linear synchronous motors that are mounted to user-designed support structures, permanent magnet arrays attached to user-designed vehicles, controllers, and power supplies.
- The magnet array is enclosed in an epoxy potting medium.
- The magnet array is attached to the vehicle with standard hardware and acts as the QuickStick 100 motor secondary, to move payloads through the QS 100 system as directed.
- Propulsive force applied to the vehicle scales linearly with magnet-array length, motor overlap, and motor/magnet gap.
- All vehicles on a QS 100 system must be the same length and use the same type of magnet array.
- Up to five magnet arrays in motion or in queue per meter (150 mm [5.9 in] length).
- The magnet arrays consist of high-strength neodymium magnets (NdFeB). The arrays are available in two widths (80.0 mm and 130.8 mm) and in lengths from 3 cycles (150.0 mm long) to 20 cycles (966.0 mm long). The quantity and locations of the mounting holes vary based on the size of the array.
- Magnet array base plate (back iron) is zinc-plated steel.
- Thrust force and hold down curves for determining the appropriate magnet array for a specific application are available in the QuickStick 100 User Manual.
- All precautions for handling high-strength neodymium magnets must be observed when using these magnet arrays.

Physical Specifications

Dimensions¹: Varies based on model

Weight: Varies based on model

Environmental Specifications

Ambient Temperature: 0 °C to 50 °C

Relative Humidity: 85% max (relative, noncondensing)

1. All dimensions are millimeters. Contact MagneMotion for detailed drawings.

Rockwell Automation Support

Use the following resources to access support information.

Technical Support Center	Knowledgebase Articles, How-to Videos, FAQs, Chat, User Forums, and Product Notification Updates.	https://rockwellautomation.custhelp.com/
Local Technical Support Phone Numbers	Locate the phone number for your country.	http://www.rockwellautomation.com/global/support/get-support-now.page
Direct Dial Codes	Find the Direct Dial Code for your product. Use the code to route your call directly to a technical support engineer.	http://www.rockwellautomation.com/global/support/direct-dial.page
Literature Library	Installation Instructions, Manuals, Brochures, and Technical Data.	http://www.rockwellautomation.com/global/literature-library/overview.page
Product Compatibility and Download Center (PCDC)	Get help determining how products interact, check features and capabilities, and find associated firmware.	http://www.rockwellautomation.com/global/support/pcdc.page

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Publication MMI-TD046A-EN-P - July 2019

DIR 10004925452

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