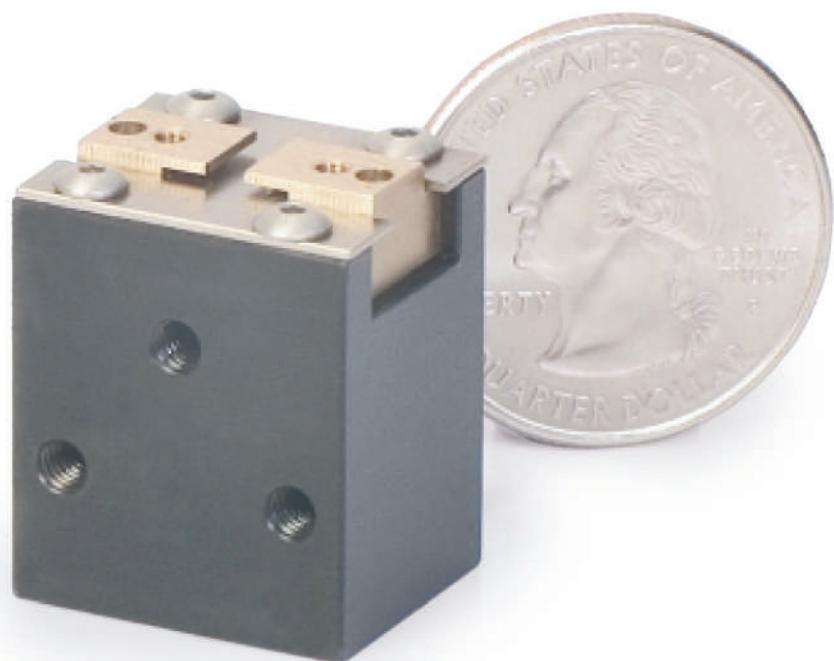


numatics®

MPG5 Series

Miniature Parallel Gripper



www.numatics.com

 **EMERSON**
Industrial Automation

MPG5 Miniature Parallel Gripper

The MPG5 gripper is designed for pick and place of small pieces. The cutting edge design of the MPG5 allows for manifold mounting a series of MPG5s in line without the concerns of space for fittings or airlines. Another unique feature of the MPG5 is the dual-purpose purge port that is part of every gripper, which facilitates use of the MPG5 in some clean room applications and very dirty environments.

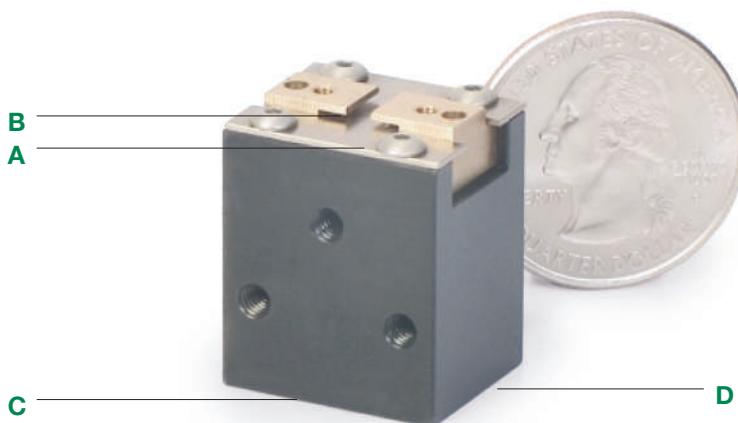
A. Shielded design for long service life.

High grip force to weight ratio.

B. Top porting allows units to be manifold-mounted, eliminating air fittings. Side and Top porting standard.

C. Purge port will evacuate any contaminants from inside for a clean room environment. When pressurized, the purge will keep debris from entering the unit in dirty environments.

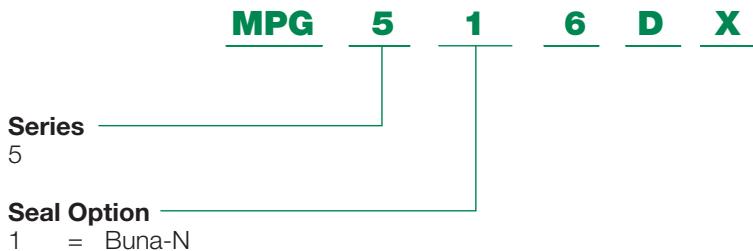
D. Jaws are aluminum bronze alloy and T-Slot style to prevent jaw breakage.



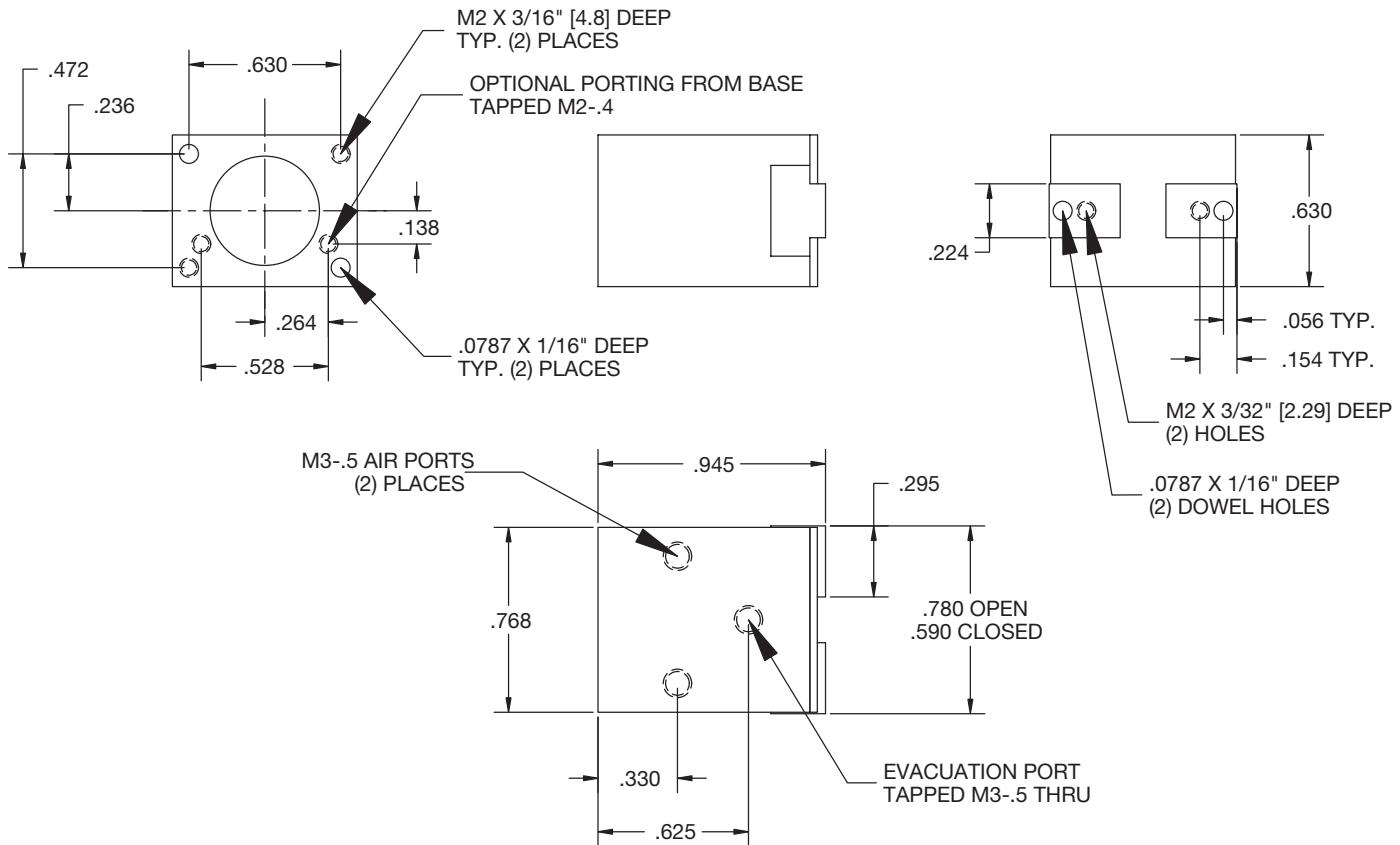
Specifications

Grip Force Close 80 PSI	Grip Force Open 80 PSI	Stroke	Weight	Displacement	Maximum Operating Pressure
9 lbs.	9 lbs.	0.19	1.7 oz.	0.008 cu in	100 PSI

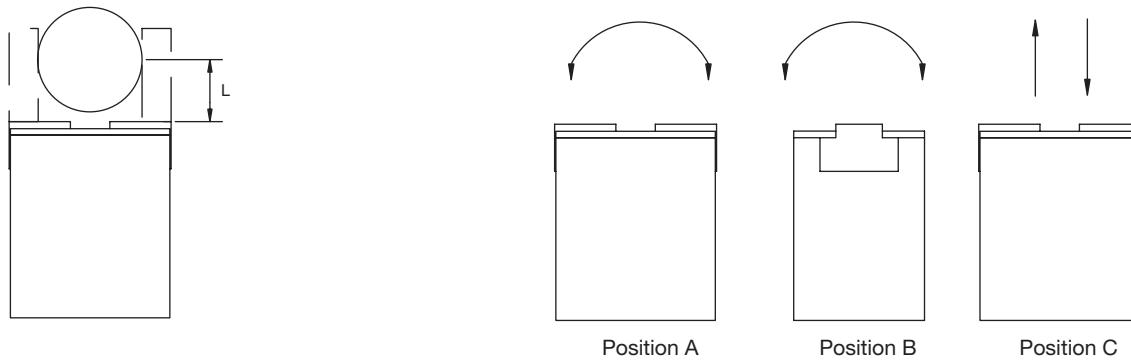
How To Order



Dimensions



Performance Data



Grip Force VS. Finger Length

L (Finger Length)	Closer Force @ 80 PSI
1 inch	3.8 lbs. 1.7 Kgf
1.5 inches	3.5 lbs. 1.6 Kgf
2 inches	3.2 lbs. 1.4 Kgf

Recommended Maximum Load Ratings

	MPG5
Max Load Position A	12 in/lbs 0.904 Nm
Max Load Position B	15 in/lbs 0.904 Nm
Max Load Position C	12 in/lbs 5.4 Kgf



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