

# MT Aluminum

**Brand:** Max-Air Technologies



## Short Description

MT Series rack & pinion pneumatic actuators continue the Max-Air tradition of easy integration, flexible customization, and reliable operation. Features include two ISO bolt circle patterns drilled directly in the body, NAMUR standard mounting for accessories, and our patented  $\pm 10^\circ$  adjustment for the open/closed positions, all backed by the best unlimited cycle life warranty. Try Our Proprietary LockMesh® Coating! LockMesh® has been shown to provide a cost effective compromise. It provides the chemical resistance of PTFE along with the durability of a stainless steel base layer. [Click here](#) for more info!

## Description

Features:

- Compact Rack and Pinion Design
- 3D Models Available for All 17 Sizes
- Direct ISO 5211 Standard Valve Mounting
- Direct NAMUR Accessory Mounting
- Anti-Blowout Bi-Directional Pinion Retention
- High Visibility Open/Closed Beacon
- Pre-Loaded Spring Cartridges
- Double-Acting (Air-to-Air) Operation
- Spring-Return (Air-to-Spring), Fail-Close or Fail-Open
- Standard (CCW open) or Reverse (CW open) Rotation
- Patented Dual Travel Stop Design  $\pm 10^\circ$  Adjustment
- Designed for High Cycles 1,000,000+
- Unlimited Cycle Life Warranty Options:
- Female Double-D and Keyed Pinions
- T-Port & L-Port indicators for multiport applications
- Extended travel stops for greater stroke adjustment
- ENP, Polyamide Epoxy, & LockMesh™ coatings
- Alternative Operating Media (Water, Oil, Inert Gas)
- High and Low Temperature Options
- Fast Open / Fast Close Options Rotation 90 Degrees  $\pm 10^\circ$  Adjustment (MT12-MT76)
- Spring Return or Double Acting Torque Range Up to 47,250 in-lbs (DA) & 22,746 in-lbs (SR)
- Ambient Temp. -4°F to 176°F Standard (-67°F Low, 300°F High)
- Housing Anodized Aluminum Pinion Nickel Plated Carbon Steel Endcaps & Pistons
- Epoxy Coated Die Cast Aluminum Fasteners AISI 304
- Stainless Steel Seals BUNA-N

Standard (high & low temp options) Skates & Wear Bearings Technopolymer Spring Cartridges Epoxy Coated Steel w/ Technopolymer Cartridge Operating Pressure 40 to 120 PSI Max Pressure Rating 150 PSI Operation Media Gas or Low Pressure Hydraulic Fluid Mounting ISO 5211, NAMUR VDI/VDE 3845 Additional Options DD Pinions, Fast Acting, Extended Travel Stops

## Product Gallery

