

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

