



## "ZX" Series Rodless Cylinder with Advanced Sealing System



### Benefits of this design

- Slip-Stick-Free running behavior over all achievable speed ranges.
- Max Speed; 3 Meters per second
- High sealing characteristics over the entire lifetime of the cylinder.
- Extremely Long Lasting Polyurethane Piston Seals
- Highly Flexible Polyurethane Sealing Strip with Integral Steel Wire
- Sealing Strip is securely held in place due to Profile Engagement of Retaining Webs
- Dust Cover Strip is securely held in place due to Retaining Recesses that Mate to profile.
- Maximum Allowable Leak Rate of 2.5 PSI per Minute.
- K-Series is extremely short design: 30% shorter than our competition at 0-Stroke
- Extremely Rigid Cylinder profile reduces expansion & twisting of profile therefore increasing Moment Load Capability and decreasing Leakage through Sealing Strip.



### ***Available Options:***

- Multiple Guide Systems
    - Standard Carriage
    - Slide guide: UHMW Slide
    - Roller guide: Press-Fit Rods with Roller Carriage
  - Passive or Active Brake System (Currently available, upon request, on SG/KG- Series only)
  - Integrated Valves (Available upon request)
  - Standard Delivery within 7 Business Days (Excludes SR and KR Series)
  - EXPEDITED DELIVERY Within 24 hours if required
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### ***Technical Data:***

- Stroke Length: up to 6000 mm
  - Piston Diameter: 25, 32,40,50, & 63 mm
  - K-Series for 30% Shorter than Standard Over-All-Length
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**Company Background** AIRTEC Pneumatic GmbH has been developing, manufacturing and distributing innovative pneumatic components for more than 35 years. Today, the company holds an internationally esteemed position in pneumatics, serving manufacturers in a variety of industry branches from leisure industry to robotics and space technology. The product portfolio covers a wide selection of pneumatic parts: different cylinder and valve series including terminals with multipol and bus interfaces, vacuum technology-based devices as well as ex-protected components and drilling units. Additionally, AIRTEC offers customized special solutions. An international distribution and service network ensures prompt and reliable support for customers around the world.

