



"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.

