RTC SERIES
RODLESS CYLINDERS
IN THE FAST LANE

Pneumatics
It’s that easy
OvalDrive with power and precision

Oval pistons, one-piece slide and piston unit, special interior sealing strip - these special design features make the rodless cylinders in the RTC series very compact and increase their reliability, service life, energy efficiency, and performance.

RTC – the compact and versatile solution for precision movement and positioning
With piston diameters of 16 mm up to 80 mm and variable stroke lengths up to a gigantic 9900 mm, RTC rodless cylinders cover a multitude of applications. They feature optimal repeatability across a large range of speed, all the way from a very slow 0.4 in/s up to an extremely fast 21 ft/s, combined with practical configuration options.

Intermediate stop
The multi-position solution enables more than one interim stop. In addition, travel can continue in the same direction following an intermediate stop.

One concept, three variants, various strengths
The comprehensive range with many variants and options enables configurations that are individually tailored to the application.

RTC-BV (Basic Version):
Internal guide for quick movements. Typical application areas include: material flow, door openers, cutting and drive processes.

RTC-CG (Compact Guide):
Compact precision guiding. Typical application areas: medium loads in settings with limited space.

RTC-HD (Heavy Duty):
High-precision guide for heavy loads. Typical application areas: basic axes for handling applications.

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<th>Variants</th>
<th>RTC-BV</th>
<th>RTC-CG</th>
<th>RTC-HD</th>
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<tr>
<td>Piston diameter</td>
<td>16 – 80 mm</td>
<td>16 – 40 mm</td>
<td>16 – 63 mm</td>
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<td>Stroke max.</td>
<td>9900 mm</td>
<td>2000 mm</td>
<td>4300 mm</td>
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<tr>
<td>Max. speed</td>
<td>6.5 m/s</td>
<td>2.0 m/s</td>
<td>2.0 m/s</td>
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<td>Pneumatic cushioning</td>
<td>✔</td>
<td>✔</td>
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<td>Adjustable end stops</td>
<td>–</td>
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<tr>
<td>Easy-2-Combine interface</td>
<td>–</td>
<td>✔</td>
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