

## Press Release

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### RTC Cylinder Series: One Concept, Four Designs, a Variety of Applications

Rexroth presented a new generation of rodless cylinders at the Hanover Fair 2007



The new family of rodless cylinders from Rexroth offers high flexibility, diverse application possibilities and a modern, uniform design.

**Ideal for powerful applications in tight installation conditions are the new RTC series rodless cylinders from Rexroth. The pneumatic cylinders are available in four versions, providing the right solution for every demand – and all that in a modern design.**

The RTC rodless cylinder (Rodless Thrust Cylinder) makes a persuasive case with its high load capacity and space-saving design. Be it high precision, compact dimensions, high performance, or cost-effectiveness - the cylinders in the RTC series are available in four versions. While the basic version RTC-BV (Basic Version) is suitable for universal use, the RTC-CG (Compact Guide) version offers high precision packed into compact dimensions. RTC-EG (E-line Guide) represents the most cost-effective guided version of the new rodless cylinders and the RTC-HD (Heavy Duty) version is designed for handling heavy loads. The RTC series is available in diameters of 16-80 mm (5/8"-3") and with a maximum stroke length of 9900 mm (32.5 ft.), depending on version and size, and is available with ISO-G or NPT ports.

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To determine the right cylinder for every application, a configurator, a calculation program and CAD data are available online.

The RTC cylinders are equipped with an oval-shaped piston instead of a round piston. This provides them with an excellent load capacity and high moment capacity. In the RTC series, the slide and piston are constructed as a single unit—allowing the slide to move maximum loads even on smaller cylinders and thus demonstrate its force.

Last but not least, the RTC scores points for its modern, uniform design: rounded profile edges reduce material consumption to a minimum.

### Perfect combinations

The guided cylinders come with an Easy-2-Combine interface. Via this standardized interface, the RTC can easily be combined with additional components from Rexroth, which are also equipped with the same interface, to form multi-axis systems. This saves users both time and money.

*Bosch Rexroth AG is one of the worldwide leading specialists in the field of drive and control technologies. Under the brand name of Rexroth the company supplies over 500,000 customers with tailored solutions for driving, controlling and moving plant and machinery, which are used in industrial and factory automation as well as in mobile applications. Being The Drive & Control Company, Bosch Rexroth develops, produces and sells components and systems in more than 80 countries. In 2006 the company of the Bosch Group achieved sales of approximately 4.9 billion Euro with over 29,800 employees.*

For more information please click: [www.boschrexroth.com](http://www.boschrexroth.com)

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