

The New Compact Cylinders from Rexroth Are Up to Bat with Better Plays and New Moves

CCI compact cylinder series according to ISO standard 21287



Form follows standard – the CCI series makes excellence the rule

The new compact cylinder does more than just conform to ISO standard 21287. It also meets the high and varied requirements of our users as well as our own demands for exceptional quality.



The same performance in half the size

With CCI, “compact” means: construction lengths reduced by up to 60% compared to conventional ISO profile cylinders. Shorter, lighter, better. This opens up completely new possibilities for the integration of standardized cylinders in applications where space is a critical factor.



Depending on strokes, the CCIs are up to 60% shorter than comparable profile cylinders following ISO 15552.

Standardized but not standard – defining the dimensions of excellence!

Alongside high quality and precision manufacturing, the CCI series stands out with its comprehensive product range, offering an impressive array of variants and equipment details. The series opens up a broad spectrum of applications with various additional benefits. The continuous sensor grooves on each cylinder side are only one example.

- Standardized dimensions and connection measurements
- Ideal for compact machine designs
- Simple sensor mounting – also with short strokes
- Low piston rod play
- Low length tolerance thanks to a single profile piece
- Easy-to-clean design

Piston diameters on the CCI cylinder range from 16 to 100 mm, with stroke lengths up to 25 mm (single-acting) or 500 mm (double-acting). Numerous versions and a wide array of options are available – for example with a through piston rod, a non-rotating model with a front plate or with an ATEX design.

An attractive combination

The various options for mounting sensors create more room for cylinder installation. The sensors can be easily installed on all sides throughout the entire stroke range.



And to make everything even easier and more attractive for our customers, the CCI cylinders can be combined with the corresponding ST6 series sensors from Rexroth in a complete, cost-effective package.

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