

## New Unique Products for Small Handling and Automation

The Drive & Control Company



# New Pneumatic Solutions in Automation



## ZSC Series

Guided twin rod cylinder with ball rail system, specially designed for vertical applications. The advantages of this mini slide are:

- Low-mount guide resulting in a very flat design.
  - Multiple mount options on the front and top, simplifying machine design.
  - Flexible, lightweight design combined with precision movement enabling use in dynamic applications.
  - Options such as stroke adjustment, enhancing machine-setting capabilities.
- The ZSC series is available in sizes 2x6 to 2x25 mm bore.



## RWT Series Index table

A rotation index table with 45°, 60°, or 90° index angles with right or left turn. The RWT is characterized by:

- Very compact, streamlined design.
- High positioning precision, accuracy  $\pm 0.2^\circ$ .

The small dimensions and flat, cylindrical design makes the RWT an ideal component in e.g., compact assembly machines.

The table has a useful plane mounting surface with threaded mounting holes and guide pin holes for precision and strength.

This new index table substantially simplifies the design and building of assembly machines.



## RAN Series

Rotary vane type actuator. Versatile rotary actuator in a compact design. RAN completes the Rexroth product line for "small handling" applications.

- Easy to fit into compact machines due to small exterior.
  - Optional magnetic sensor.
- The RAN series is available in five sizes with 0.16 to 7 Nm torque.



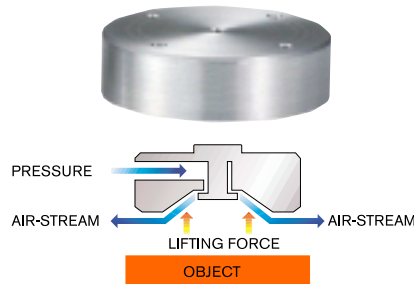
## GPC Top Loader Series

An economical guided cylinder designed for use in automation applications with an extra mounting surface parallel to the movement. The GPC Top Loader has four built-in features in one product:

- Force and movement.
- Side load capacity and non-rotating feature.
- Precision.
- Two connection surfaces.

A typical application for the GPC is to carry an automatic screwdriver in an assembly machine.

The series is available in slide bearing or ball bearing versions with 12, 16, and 20 mm bore.



## NCT Series

The Non Contact Transfer is a new and unique picking device that works according to the Bernoulli principle.

Objects can be lifted without any surface contact, which makes the NCT very useful for handling sensitive objects.

Examples of other objects the NCT can handle:

- Leaky objects for, e.g., electronic assembly cards perforated with many small holes.
- Objects with a rough surface.
- Soft objects, e.g., paper or plastic bags.

The device is ideal for applications where vacuum technology with suction cups cannot be used due to leakage through the object or between the object and the suction cup.

The NCT series is available in four sizes, with lift capacity up to 0.6 kg.



## RAP Series

Rotary rack and pinion type actuator. Versatile rotary actuator in a compact design. A new product in the Rexroth line for efficient assembly machines.

- Easy to fit into compact machines due to small exterior.
- Optional magnetic sensor.

The RAP series is available in four sizes with 0.1 to 2.4 Nm torque.

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