



**High dynamic**  
Up to 70 KUPH



**Bidirectional repeatability**  
Down to  $\pm 3$  arcsec



**Position accuracy**  
Down to  $\pm 5$  arcsec  
with mapping

# RTMC

## Rotary Table

 For testing handling machine

The RTMC series is a new family of high performance rotary indexing tables. Available in two active lengths, it features the highest torque density on the market for applications requiring high repeatability and short indexing times.

The RTMC series ensures high acceleration with low settling time with precise target window. Typically used in the semiconductor for testing components up to 70 KUPH, this rotary table is ideally for all indexing axis. The RTMC has been cost engineered making it an attractive option for lowering total cost of ownership.

With its highly dynamic capabilities, outstanding accuracy and a unique encoder bearing solution, the RTMC offers reliability, low maintenance and easy integration.

### HIGH DYNAMIC

High torque density: High peak and continuous torque versus external diameter and height of the rotary table. Compact solution able to deliver high throughput of indexing cycle without compromise on the precision.

### HIGH RESOLUTION ENCODER

with 8'192 period per turn, the encoder resolution allows very high repeatability down to  $\pm 2$  arcsec, position stability  $< 1.5$  arcsec.

### LARGE HOLLOW SHAFT

Offers maximal flexibility to accommodate cables and tubing and allows stiffer assembly for upside down mounting.

### ROBUSTNESS IN DUST ENVIRONMENT

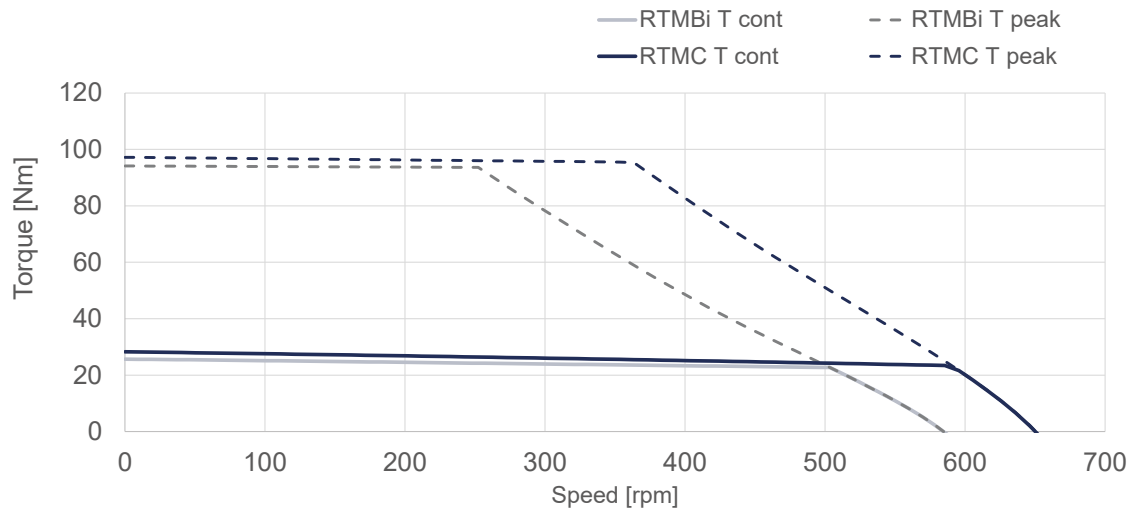
New encoder and new design, compatible with dusty environment, reducing failure risk, and maintenance free.

## Integration example

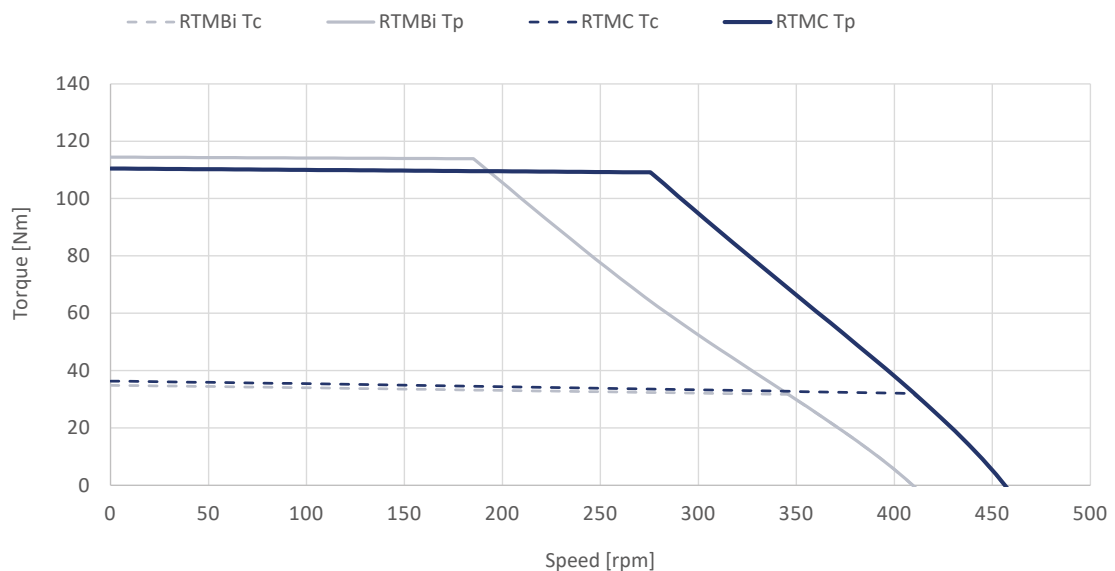


- > Size available, one diameter 180 mm, to height 165 & 195 mm
- > Max peak torque 140 with RTMC180195 & ACCURET+ 10/20 A
- > Continuous torque up to 36.3 Nm
- > Bi-directional repeatability  $\pm 3$  arcsec, accuracy  $\pm 5$  arcsec with mapping
- > Position stability  $< \pm 1.5$  arcsec
- > Max speed up 656 rpm

Torque versus speed : RTMBi0140-100 vs RTMC0180-165



Torque versus speed: RTMBi0140-150 vs RTMC0180-195  
ACCURET 7.5/15A



More info

