



RM Series Redux

Improved catalog, new part-number scheme make specifying positioners easier than ever.

Back in the day, the engineers at Parker Bayside designed a superior family of industrial rotary positioners: the RM series. These positioners have a proven track record of handling large payloads with ease and offer an unparalleled combination of high accuracy and high load capacity. Thanks to the RM's precision worm gear, in which the worm is "flexed" against the gear to ensure a proper mesh, the positioners provide high repeatability with very smooth operation. Moreover, the rotary positioners incorporate an oversized preloaded cross roller bearing, offering exceptional stiffness and load capacity.

The RM series products are now growing accustomed to their home at the Parker Daedal facility. With four profile sizes and load capacities greater than one ton, the RM series offers an ideal solution for indexing, tilting or skewing a load for industrial applications. Understanding the relative power of these rotary tables, we note that four similar competitive designs are limited to less than 35% of the RM's load capacities because of internal design structure.

The RM series now has a more complete part-numbering scheme, allowing users to specify motor mounts and couplings directly in the part number configurator. Also accompanying the new configurator for the RM series is a new catalog, which has been posted on the product page at Parkermotion.com. This updated catalog has improved 2D drawings to include the new motor mount options and details for the encoder option. Also in the catalog are updated specifications for positioner run-out, accuracy, repeatability and input torque.

For more information on Parker's RM series, please contact Ben Furnish at 724-861-3229 or bfurnish@parker.com.

