



CKD Delivers Mini Desktop Direct Drive Actuator

Responding to the market demand for a small, easy to use desktop direct drive actuator, CKD has added the ABSODEX Mini to its existing AX6000M Series actuators. The ABSODEX Mini saves space with its minimal and compact design. Measuring just 3 inches tall and less than 2 inches wide, the ABSODEX Mini performs at less than 3 pounds.

The ABSODEX Mini's gearless direct drive system provides a high degree of reliability while also being maintenance free. The gearless design eliminates the common issues caused by damage and worn out gears found in other actuators.



"Quality and reliability are the two words we hear most from our actuator customers, says Reid Poole, CKD USA Director of Sales, Semiconductor Business Unit. "Our AX6000 Series delivers on both counts and when our customers asked for a space and weight saver that's still extremely accurate, we delivered with the ABSODEX Mini. It's one of the smallest actuators in the world and also incredibly easy to use."

The ABSODEX Mini features multiple operation modes and ample program creation functions. Complex operations settings including combinations of operations are surprisingly simple to create, such as index operations, oscillation and continuous rotation. In addition, the ABSODEX Mini performs simple operations such as the automatic creation of point specific programs.

The ABSODEX Mini delivers:

- Productivity improvements
- Work stabilization
- Reduced equipment design time
- Improved equipment reuse
- Miniaturization of existing equipment



"In addition to the product features, we have built a streamlined process with the ABSODEX Mini", explains Mr. Poole. "The simple structure makes designing easier. Purchasing is straightforward without the need for drive system parts, such as pulleys, belts and gears. And with standard pilot and pin holes, the ABSODEX Mini is easy to assemble into any application. Plus, recent improvements have made operation settings a breeze."



The ABSODEX Mini has a myriad of applications including:

- Split position output
- I/O signal output during indexing
- Semi-automation of manual operations
- Θ -axis unit for making equipment modules
- Sub-assembly processes for existing equipment

[Download the full ABSODEX Mini specifications sheet >](#)