



CKD Releases New Lighter, Smaller SMG Series Compact Cylinders

CKD has completed the release of its new user friendly SMG series compact cylinders. The SMG series' space saving design is 33% lighter and 23% smaller than prior models, but with the same mounting dimensions. The SMG series features an easy-to-install simplified shape that enables allows it to be mounted from 5 different sides of the cylinder. In addition, the new SMG series includes an easy access rod seal and bearing for quick maintenance.



The first SMG series compact cylinders were introduced in 2012. Since then, additional cylinders have been added to the lineup which has now replaced all SMD2 cylinders. The SMG series includes:

- Non rotating type
- Fine speed type (slow & smooth action starting at a speed of 1mm/sec)
- Clean room ready (build in P7 clean room without the use of copper, silicon and halogen-based materials)

"The new cylinders offer our customers a wide range of choices and flexibility, with bore sizes ranging from 6 to 32 mm and stroke lengths up to 100mm standard. The cylinder can be specified for use with position sensing switches that mount flush in the extruded switch track," says Tom Carlson, CKD Technical Coordinator.

Variations include:

- SMG Double acting rod type
- SMG-X Single acting push type
- SMG-Y Single acting pull type
- SMG-F Double acting fine speed type
- SMG-M Double acting non-rotating
- SMG-P7, P5 Double acting clean room specifications

Contact CKD for price and delivery.