



SDA / HSDA Series Swing Cylinders

Swing Cylinders are unique linear round body cylinders that can swing during or at the end of stroke. This design allows OEM's to use less components by using an innovative cylinder that performs two movements with one element - doing more work in less space.

- Combination of Linear and Swing Motion
- Single Unit Reduces Design Time
- Sensor Switches Optional
- Fine Adjustment Mechanism Allows for Any Swing Angle
- 45, 90, 135, 180 Degree Options
- RoHS Compliance

Improve the performance and reduce the size of your next generation machine. Koganei sets the standard for supplying innovative high-quality solutions with unmatched reliability. Optimized designs, with a wide variety of styles and sizes, increase speed to market as well as provide solutions for most applications. Expedite deliveries with product stocked in the USA.

KOGANEI is committed to your success from concept, to initial design, to final delivery and beyond.

Operations

Double Acting Swing

SDA / HSDA Series Swing Cylinders

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Model	Operation	Bore mm	Standard Strokes mm [in]	Max Stroke mm [in]	Port Size metric [imperial]	Max Force - Push N [lbf]	Max Force - Pull N [lbf]	Speed Range mm/s [in/s]	Pressure Range MPa [psi]	Temperature Range °C [°F]
SDA / HSDA	Double Acting Swing	25	15 - 50 [3/4 - 2]	50 [2.0]	Rc 1/8 [1/8 NPT]	441 [99]	392 [88]	50 - 500 [2.0 - 19.7]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
SDA / HSDA	Double Acting Swing	40	15 - 100 [3/4 - 4]	100 [3.9]	Rc 1/8 [1/8 NPT]	1,125 [253]	978 [220]	50 - 500 [2.0 - 19.7]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]