



RHDA Series Twist Cylinders

The uniquely designed linear round body cylinders provides 90-degree rotation during stroke movement, which allows engineers to reduce both the overall physical size of the pneumatic circuit and the number of components required to perform the work. With the dual piping terminated at one location making the overall size even more compact, the RHDA Series Twist Cylinders are ideal for miniaturizing devices, machines, or automated processes.

- Slim Body
- One Stroke Provides Both Linear and Swing Motions
- 90 Degree Rotation
- Concentrated Piping for Space Efficiency
- Various Mounting Designs
- 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 Medium Load Clockwise Rotation

Double Acting Medium Load Counterclockwise Rotation

RHDA Series Twist 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]
RHDA-ER	Double Acting Medium Load Clockwise Rotation	16	20 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	141 [32]	120 [27]	[consult factory]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
RHDA-ER	Double Acting Medium Load Clockwise Rotation	25	30 - 50 [upon request]	50 [2.0]	Rc 1/8 [upon request]	343 [77]	288 [65]	[consult factory]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
RHDA-ER	Double Acting Medium Load Clockwise Rotation	40	30 - 50 [upon request]	50 [2.0]	Rc 1/8 [upon request]	879 [198]	528 [119]	[consult factory]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
RHDA-EL	Double Acting Medium Load Counterclockwise Rotation	16	20 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	141 [32]	120 [27]	[consult factory]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
RHDA-EL	Double Acting Medium Load Counterclockwise Rotation	25	30 - 50 [upon request]	50 [2.0]	Rc 1/8 [upon request]	343 [77]	288 [65]	[consult factory]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
RHDA-EL	Double Acting Medium Load Counterclockwise Rotation	40	30 - 50 [upon request]	50 [2.0]	Rc 1/8 [upon request]	879 [198]	528 [119]	[consult factory]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]

Focused on providing industry leading pneumatic, fluid handling, and electrical automation components and assemblies for the OEM market | Think KOGANEI