



ORB Series Slit Type Rodless Linear Actuators with Integrated Guide

This series blends the most compact design along with an increase of capability and function. An integrated stainless-steel ball bearing guide mechanism has been giving more OEM customers the ability to reduce the installation space requirement substantially. This series supports some food and beverage applications with H1 grease specifications. Put all of your pneumatic supply tubing on either side to reduce space even more with this series.

- Integrated Guided, Oval Bore Slit Type
- Built-in Guide Rail Allows for a Lightweight, Compact Envelope
- Utilizes Standard Integrated 4 mm Sensor Groove
- Multiple Work Port Locations for Easy Plumbing in Applications
- Integrated Shock Absorber Mounting for Easy Installation
- 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

Double Acting with H1 Grease

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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]
ORB	Double Acting	10	50 - 500 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	55 [12.4]	55 [12.4]	30 - 1000 [1.2 - 39.4]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
ORB	Double Acting	16	50 - 500 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	161 [36]	161 [36]	30 - 1000 [1.2 - 39.4]	0.2 - 0.8 [29.0 - 116.0]	0 - 60 [32 - 140]
ORB	Double Acting	20	50 - 500 [upon request]	500 [19.7]	Rc 1/8 [upon request]	251 [56]	251 [56]	30 - 1000 [1.2 - 39.4]	0.2 - 0.8 [29.0 - 116.0]	0 - 60 [32 - 140]
ORB	Double Acting	25	50 - 500 [upon request]	500 [19.7]	Rc 1/8 [upon request]	392 [88]	392 [88]	30 - 1000 [1.2 - 39.4]	0.2 - 0.8 [29.0 - 116.0]	0 - 60 [32 - 140]
H1-ORB	Double Acting with H1 Grease	10	50 - 500 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	55 [12.4]	55 [12.4]	150 - 1000 [5.9 - 39.4]	0.2 - 0.8 [29.0 - 116.0]	0 - 60 [32 - 140]
H1-ORB	Double Acting with H1 Grease	16	50 - 500 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	161 [36]	161 [36]	150 - 1000 [5.9 - 39.4]	0.2 - 0.8 [29.0 - 116.0]	0 - 60 [32 - 140]

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

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H1-ORB	Double Acting with H1 Grease	25	50 - 500 [upon request]	500 [19.7]	Rc 1/8 [upon request]	392 [88]	392 [88]	150 - 1000 [5.9 - 39.4]	0.2 - 0.8 [29.0 - 116.0]	0 - 60 [32 - 140]