



ORCA Series Slit Type Rodless Linear Actuators

One problem OEM customers face when using rodless cylinders is the bands wear and sometimes get bent over time. The ORCA includes a high strength steel band that is both bend and wear resistant providing longer cycle life.

- Non-Guided Round Bore Slit Type
- Multiple Work Port Locations for Easy Plumbing in Applications
- Various Piston Mounts and Seal Options Available
- Double Acting Operation
- Built-in Cushions Allows for Effective End of Stroke Control
- 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

ORCA Series Slit Type Rodless Linear Actuators										
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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]
ORCA	Double Acting	16	100 - 800 [upon request]	3000 [118.1]	M5 x 0.8 [upon request]	161 [36]	161 [36]	100 - 1500 [3.9 - 59.1]	0.1 - 0.8 [14.5 - 116.0]	0 - 60 [32 - 140]
ORCA	Double Acting	20	200 - 2000 [upon request]	5000 [196.9]	Rc 1/8 [upon request]	251 [56]	251 [56]	100 - 1500 [3.9 - 59.1]	0.1 - 0.8 [14.5 - 116.0]	0 - 60 [32 - 140]
ORCA	Double Acting	25	200 - 2000 [upon request]	5000 [196.9]	Rc 1/8 [upon request]	392 [88]	392 [88]	100 - 3000 [3.9 - 118.1]	0.1 - 0.8 [14.5 - 116.0]	0 - 60 [32 - 140]
ORCA	Double Acting	32	300 - 2000 [upon request]	5000 [196.9]	Rc 1/4 [upon request]	643 [145]	643 [145]	100 - 3000 [3.9 - 118.1]	0.1 - 0.8 [14.5 - 116.0]	0 - 60 [32 - 140]
ORCA	Double Acting	40	300 - 2000 [upon request]	5000 [196.9]	Rc 1/4 [upon request]	1,005 [226]	1,005 [226]	100 - 3000 [3.9 - 118.1]	0.1 - 0.8 [14.5 - 116.0]	0 - 60 [32 - 140]
ORCA	Double Acting	50	500 - 2000 [upon request]	5000 [196.9]	Rc 3/8 [upon request]	1,570 [353]	1,570 [353]	100 - 3000 [3.9 - 118.1]	0.1 - 0.8 [14.5 - 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