

MRW Series Magnet Type Rodless Linear Actuators with Linear Guide



Rigidity to pitching moment of 136lbf, rolling moment of 148lbf, and yawing moment of 136lbf, this is Koganei's the most rigid linear magnetically coupled linear rodless actuator. When heavy loads and reduced physical size are important many OEM customers select the MRW Series.

- Double External Guided, Round Bore Magnetic Coupled Type
- Versatile Mounting for Precision Application Requirements
- Utilizes Standard Integrated 4 mm Sensor Groove
- Work Ports on Single End for Easy Plumbing
- Patented Linear Orifice Shock Absorbers for Low or High Speeds
- 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 with Linear Guide

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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]
MRW	Double Acting with Linear Guide	16	100 - 600 [upon request]	1500 [59.1]	M5 x 0.8 [upon request]	141 [32]	141 [32]	100 - 1000 [3.9 - 39.4]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
MRW	Double Acting with Linear Guide	25	200 - 800 [upon request]	2000 [78.7]	Rc 1/8 [upon request]	343 [77]	343 [77]	100 - 1000 [3.9 - 39.4]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
MRW	Double Acting with Linear Guide	40	300 - 1000 [upon request]	2000 [78.7]	Rc 1/4 [upon request]	879 [198]	879 [198]	100 - 1000 [3.9 - 39.4]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]