



MRG Series Magnet Type Rodless Linear Actuators with Guide

This series provides OEM customers with a neodymium rare-earth magnet that is the strongest in pneumatic applications for a strong retaining force. Advanced design in half of the operating space while providing the sensor switch mounting. If you want to miniaturize your machine or process, specify this series.

- Guided, Round Bore Magnetic Coupled Type
- Optional Integrated Shock Absorber
- Reed and Solid State Switch Options
- Multiple Work Port Options Standard for Easy Installation
- Fine Stroke Adjustment Standard
- 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 Guide High Magnetic Force

Double Acting with Guide Low Magnetic Force

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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]
MRGH	Double Acting with Guide High Magnetic Force	6	50 - 200 [upon request]	300 [11.8]	M5 x 0.8 [upon request]	19.7 [4.4]	19.7 [4.4]	100 - 500 [3.9 - 19.7]	0.25 - 0.7 [36.3 - 101.5]	0 - 60 [32 - 140]
MRGH	Double Acting with Guide High Magnetic Force	10	50 - 300 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	55 [12.4]	55 [12.4]	100 - 500 [3.9 - 19.7]	0.25 - 0.7 [36.3 - 101.5]	0 - 60 [32 - 140]
MRGH	Double Acting with Guide High Magnetic Force	16	100 - 500 [upon request]	750 [29.5]	M5 x 0.8 [upon request]	141 [32]	141 [32]	100 - 500 [3.9 - 19.7]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
MRGH	Double Acting with Guide High Magnetic Force	20	150 - 600 [upon request]	1000 [39.4]	Rc 1/8 [upon request]	220 [50]	220 [50]	100 - 500 [3.9 - 19.7]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
MRGH	Double Acting with Guide High Magnetic Force	25	200 - 800 [upon request]	1500 [59.1]	Rc 1/8 [upon request]	343 [77]	343 [77]	100 - 500 [3.9 - 19.7]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
MRGH	Double Acting with Guide High Magnetic Force	32	200 - 800 [upon request]	1500 [59.1]	Rc 1/8 [upon request]	563 [127]	563 [127]	100 - 500 [3.9 - 19.7]	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

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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]
MRGH	Double Acting with Guide High Magnetic Force	40	200 - 1000 [upon request]	1500 [59.1]	Rc 1/4 [upon request]	879 [198]	879 [198]	100 - 500 [3.9 - 19.7]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
MRGL	Double Acting with Guide Low Magnetic Force	16	100 - 500 [upon request]	750 [29.5]	M5 x 0.8 [upon request]	141 [32]	141 [32]	100 - 500 [3.9 - 19.7]	0.18 - 0.34 [26.1 - 49.3]	0 - 60 [32 - 140]
MRGL	Double Acting with Guide Low Magnetic Force	20	150 - 600 [upon request]	1000 [39.4]	Rc 1/8 [upon request]	220 [50]	220 [50]	100 - 500 [3.9 - 19.7]	0.18 - 0.34 [26.1 - 49.3]	0 - 60 [32 - 140]
MRGL	Double Acting with Guide Low Magnetic Force	25	200 - 800 [upon request]	1500 [59.1]	Rc 1/8 [upon request]	343 [77]	343 [77]	100 - 500 [3.9 - 19.7]	0.18 - 0.34 [26.1 - 49.3]	0 - 60 [32 - 140]
MRGL	Double Acting with Guide Low Magnetic Force	32	200 - 800 [upon request]	1500 [59.1]	Rc 1/8 [upon request]	563 [127]	563 [127]	100 - 500 [3.9 - 19.7]	0.18 - 0.34 [26.1 - 49.3]	0 - 60 [32 - 140]
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