



ZS Series Z Sliders

Developed mainly for movement in the Z Axis. The thin, lightweight, and compact body offers the best match for lifters, stoppers, and pick-and-place on different levels in automated manufacturing systems. Cleanroom compatible versions available. Achieve accuracy, rigidity, and stroke travel linearity, in response to precision machining and requirements on assembly at the best price.

- Double Acting Slide with Guide Rail
- Configurations Include Stroke Adjustment, End Keep and Buffer
- Utilizes Standard Integrated 4 mm Sensor Groove
- Low Profile Twin Bore Designed for Z Axis Movements
- Uses Metal Stops or Patented Linear Orifice Shock Absorber
- 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 Symmetric with End Keep

Double Acting Symmetric
 Double Acting with Buffer

Double Acting Symmetric with Buffer
 Double Acting with Buffer Spring & End Keep

Double Acting Symmetric with Buffer & End Keep
 Double Acting with End Keep

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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]
ZS	Double Acting	6	10 - 70 [upon request]	70 [2.8]	M5 x 0.8 [upon request]	39.2 [8.8]	21.7 [4.9]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
ZS	Double Acting	10	10 - 100 [upon request]	100 [3.9]	M5 x 0.8 [upon request]	110 [25]	70 [15.7]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
ZS	Double Acting	16	10 - 100 [upon request]	120 [4.7]	M5 x 0.8 [upon request]	281 [63]	211 [47]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
ZS	Double Acting	20	10 - 100 [upon request]	150 [5.9]	Rc 1/8 [upon request]	440 [99]	330 [74]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
ZS	Double Acting	25	10 - 100 [upon request]	150 [5.9]	Rc 1/8 [upon request]	687 [154]	529 [119]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]

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ZSBB	Double Acting Symmetric	6	10 - 70 [upon request]	70 [2.8]	M5 x 0.8 [upon request]	39.2 [8.8]	21.7 [4.9]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
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ZSBBG	Double Acting Symmetric with Buffer	6	10 - 70 [upon request]	70 [2.8]	M5 x 0.8 [upon request]	39.2 [8.8]	21.7 [4.9]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
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ZSBBGK	Double Acting Symmetric with Buffer & End Keep	16	10 - 100 [upon request]	120 [4.7]	M5 x 0.8 [upon request]	281 [63]	211 [47]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
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ZSG	Double Acting with Buffer	6	10 - 70 [upon request]	70 [2.8]	M5 x 0.8 [upon request]	39.2 [8.8]	21.7 [4.9]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
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ZSGK	Double Acting with Buffer Spring & End Keep	16	10 - 100 [upon request]	120 [4.7]	M5 x 0.8 [upon request]	281 [63]	211 [47]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
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ZSK	Double Acting with End Keep	16	10 - 100 [upon request]	120 [4.7]	M5 x 0.8 [upon request]	281 [63]	211 [47]	50 - 500 [2.0 - 19.7]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
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