



## XDA Series Axis Cylinders

Double-sided guides assembled in the cylinder achieve high non-rotating accuracy. A sensor indicator shows magnet location so that the sensor switch operation point can be confirmed from outside as standard equipment. A compact shock absorber unit of the same design with the body is available.

- Double Acting Cylinder with Integrated Guide Rods
- Multiple Ports and Mounting Options for Easy Installation
- Utilizes Standard Integrated 4 mm Sensor Groove
- Three Bearing Options Available
- Single Rod and Double Rod Options Available
- 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 Bearing

Double Acting Bushing

Double Acting Long Bearing

## XDA Series Axis Cylinders

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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]
XDAA	Double Acting Bearing	16	25 - 125 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	141 [32]	127 [29]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAAD	Double Acting Bearing	16	25 - 125 [upon request]	200 [7.9]	M5 x 0.8 [upon request]	141 [32]	127 [29]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAA	Double Acting Bearing	20	25 - 150 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	283 [64]	212 [48]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAAD	Double Acting Bearing	20	25 - 150 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	283 [64]	212 [48]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAA	Double Acting Bearing	25	25 - 175 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	442 [99]	340 [76]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAAD	Double Acting Bearing	25	25 - 175 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	442 [99]	340 [76]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]

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XDAA	Double Acting Bearing	32	25 - 225 [upon request]	500 [19.7]	Rc 1/8 [upon request]	723 [163]	543 [122]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAAD	Double Acting Bearing	32	25 - 225 [upon request]	500 [19.7]	Rc 1/8 [upon request]	723 [163]	543 [122]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAAD	Double Acting Bearing	40	25 - 300 [upon request]	500 [19.7]	Rc 1/8 [upon request]	1,130 [254]	950 [214]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAA	Double Acting Bearing	40	25 - 300 [upon request]	500 [19.7]	Rc 1/8 [upon request]	1,130 [254]	950 [214]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAD	Double Acting Bushing	16	25 - 125 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	141 [32]	127 [29]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
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XDA	Double Acting Bushing	40	25 - 300 [upon request]	500 [19.7]	Rc 1/8 [upon request]	1,130 [254]	950 [214]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
XDAQ	Double Acting Long Bearing	16	25 - 125 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	141 [32]	127 [29]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]

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<a href="#">XDADO</a>	Double Acting Long Bearing	16	25 - 125 [upon request]	200 [7.9]	M5 x 0.8 [upon request]	141 [32]	127 [29]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
<a href="#">XDAQ</a>	Double Acting Long Bearing	20	25 - 150 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	283 [64]	212 [48]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
<a href="#">XDADO</a>	Double Acting Long Bearing	20	25 - 150 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	283 [64]	212 [48]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
<a href="#">XDAQ</a>	Double Acting Long Bearing	25	25 - 175 [upon request]	500 [19.7]	M5 x 0.8 [upon request]	442 [99]	340 [76]	100 - 500 [3.9 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
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