



BDA / HBDA Cleanroom Series - Multi Mount Cylinders

This Series provides OEM customers the most compact body design along with non-rotating rod specifications. Mounting options provide flexibility to orient this cylinder to your design rather than changing your design because of a component.

- High Degree of Parallel and Perpendicular Accuracy
- Non-rotating Types Available
- RoHS Compliance
- Combination of a Square and Compact Body
- 4 Surface Mounting Options

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 Clean System

Double Acting Double Rod Clean System

Double Acting Non-Rotating Clean System

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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]
CS-BDA	Double Acting Clean System	6	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	19.7 [4.4]	14.8 [3.3]	50 - 300 [2.0 - 11.8]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
CS-BDA	Double Acting Clean System	10	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	55 [12.4]	41.2 [9.3]	50 - 300 [2.0 - 11.8]	0.1 - 0.7 [14.5 - 101.5]	0 - 60 [32 - 140]
CS-BDA	Double Acting Clean System	16	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	141 [32]	120 [27]	50 - 300 [2.0 - 11.8]	0.08 - 0.7 [11.6 - 101.5]	0 - 60 [32 - 140]
CS-BDAD	Double Acting Double Rod Clean System	6	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	14.8 [3.3]	14.8 [3.3]	50 - 300 [2.0 - 11.8]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
CS-BDAD	Double Acting Double Rod Clean System	10	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	41.2 [9.3]	41.2 [9.3]	50 - 300 [2.0 - 11.8]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
CS-BDAD	Double Acting Double Rod Clean System	16	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	120 [27]	120 [27]	50 - 300 [2.0 - 11.8]	0.1 - 0.7 [14.5 - 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]
CS-BDAL	Double Acting Non-Rotating Clean System	6	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	19.7 [4.4]	14.8 [3.3]	50 - 300 [2.0 - 11.8]	0.2 - 0.7 [29.0 - 101.5]	0 - 60 [32 - 140]
CS-BDAL	Double Acting Non-Rotating Clean System	10	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	55 [12.4]	41.2 [9.3]	50 - 300 [2.0 - 11.8]	0.15 - 0.7 [21.8 - 101.5]	0 - 60 [32 - 140]
CS-BDAL	Double Acting Non-Rotating Clean System	16	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	141 [32]	120 [27]	50 - 300 [2.0 - 11.8]	0.1 - 0.7 [14.5 - 101.5]	0 - 60 [32 - 140]