

CDA / HCDA Cleanroom Series - Jig Cylinders



This is our original compact block cylinder series that continues to be a reliable choice for many OEM customers and provides several variations and options.

- Optional Centering Location for Precision Allignment
- Male & Female Rod Thread Options
- Bore Sizes from 6 mm to 50 mm
- End-of-Stroke Bumpers Optional
- Utilizes Standard Integrated 4 mm Sensor Groove
- 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 Clean System

Double Acting Clean System with Magnet

Double Acting Low Friction Clean System

Double Acting Low Friction Clean System with Magnet

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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-CDA	Double Acting Clean System	12	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	79.1 [17.8]	59.3 [13.3]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDA	Double Acting Clean System	16	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	141 [32]	106 [24]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDA	Double Acting Clean System	20	5 - 50 [upon request]	50 [2.0]	M5 x 0.8 [upon request]	220 [49]	165 [37]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDA	Double Acting Clean System	25	5 - 50 [upon request]	50 [2.0]	M5 x 0.8 [upon request]	343 [77]	264 [59]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDA	Double Acting Clean System	32	5 - 100 [upon request]	100 [3.9]	Rc 1/8 [upon request]	563 [127]	422 [95]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDA	Double Acting Clean System	40	5 - 100 [upon request]	100 [3.9]	Rc 1/8 [upon request]	879 [198]	739 [166]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]

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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-CDA	Double Acting Clean System	50	10 - 100 [upon request]	100 [3.9]	Rc 1/4 [upon request]	1,963 [441]	1,649 [371]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDAS	Double Acting Clean System with Magnet	12	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	79.1 [17.8]	59.3 [13.3]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDAS	Double Acting Clean System with Magnet	16	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	141 [32]	106 [24]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDAS	Double Acting Clean System with Magnet	20	5 - 50 [upon request]	50 [2.0]	M5 x 0.8 [upon request]	220 [49]	165 [37]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
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CS-CDAS	Double Acting Clean System with Magnet	32	5 - 100 [upon request]	100 [3.9]	Rc 1/8 [upon request]	563 [127]	422 [95]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDAS	Double Acting Clean System with Magnet	40	5 - 100 [upon request]	100 [3.9]	Rc 1/8 [upon request]	879 [198]	739 [166]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDAS	Double Acting Clean System with Magnet	50	10 - 100 [upon request]	100 [3.9]	Rc 1/4 [upon request]	1,963 [441]	1,649 [371]	30 - 500 [1.2 - 19.7]	0.1 - 1 [14.5 - 145.0]	0 - 60 [32 - 140]
CS-CDAZ	Double Acting Low Friction Clean System	6	5 - 20 [upon request]	30 [1.2]	M3 x 0.5 [upon request]	19.8 [4.5]	11 [2.5]	1 - 500 [0.0 - 19.7]	0.1 - 0.7 [14.5 - 101.5]	0 - 60 [32 - 140]
CS-CDAZ	Double Acting Low Friction Clean System	8	5 - 20 [upon request]	30 [1.2]	M3 x 0.5 [upon request]	35.2 [7.9]	21.4 [4.8]	1 - 500 [0.0 - 19.7]	0.1 - 0.7 [14.5 - 101.5]	0 - 60 [32 - 140]
CS-CDAZ	Double Acting Low Friction Clean System	10	5 - 20 [upon request]	50 [2.0]	M3 x 0.5 [upon request]	55 [12.4]	41.2 [9.3]	1 - 500 [0.0 - 19.7]	0.1 - 0.7 [14.5 - 101.5]	0 - 60 [32 - 140]
CS-CDAZ	Double Acting Low Friction Clean System	12	5 - 30 [upon request]	30 [1.2]	M5 x 0.8 [upon request]	79.1 [17.8]	59.3 [13.3]	1 - 500 [0.0 - 19.7]	0.1 - 0.7 [14.5 - 101.5]	0 - 60 [32 - 140]
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CS-CDAZ	Double Acting Low Friction Clean System	40	5 - 100 [upon request]	100 [3.9]	Rc 1/8 [upon request]	879 [198]	739 [166]	1 - 500 [0.0 - 19.7]	0.1 - 0.7 [14.5 - 101.5]	0 - 60 [32 - 140]
CS-CDAZS	Double Acting Low Friction Clean System with Magnet	6	5 - 20 [upon request]	30 [1.2]	M3 x 0.5 [upon request]	19.8 [4.5]	11 [2.5]	1 - 500 [0.0 - 19.7]	0.1 - 0.7 [14.5 - 101.5]	0 - 60 [32 - 140]
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