



BCG Cleanroom Series - Basic Cylinders with Guide

It is possible to create all assembly processes with just BC cylinders. Industry leading cycle life. Body extrusion supports two-color LED sensor switches for simple mounting.

- Double Acting Slide with Precision, Pre-loaded Guides
- Optional Locating Holes for Quick and Precision Installation
- RoHS Compliance
- Provides Same Thrust in Smaller Envelope with Longer Cycle Life
- Utilizes Standard Integrated 4 mm Sensor Groove

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 w/ Guide Clean System w/ Dust Collection

Double Acting w/ Guide Clean System w/ Dust Collection

Double Acting w/ Guide Clean System w/o Dust Collection

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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-BCG	Double Acting w/ Guide Clean System w/ Dust Collection	10	5 - 30 [upon request]	50 [2.0]	M3 x 0.5 [upon request]	55 [12.4]	41.2 [9.3]	10 - 300 [0.4 - 11.8]	0.06 - 0.7 [8.7 - 101.5]	0 - 60 [32 - 140]
CS-BCG	Double Acting w/ Guide Clean System w/ Dust Collection	12	5 - 30 [upon request]	100 [3.9]	M5 x 0.8 [upon request]	79.1 [17.8]	59.4 [13.4]	10 - 300 [0.4 - 11.8]	0.06 - 0.7 [8.7 - 101.5]	0 - 60 [32 - 140]
CS-BCG	Double Acting w/ Guide Clean System w/ Dust Collection	16	5 - 30 [upon request]	100 [3.9]	M5 x 0.8 [upon request]	141 [32]	105 [24]	10 - 300 [0.4 - 11.8]	0.06 - 0.7 [8.7 - 101.5]	0 - 60 [32 - 140]
CS-BCG	Double Acting w/ Guide Clean System w/ Dust Collection	20	5 - 50 [upon request]	125 [4.9]	M5 x 0.8 [upon request]	220 [49]	165 [37]	10 - 300 [0.4 - 11.8]	0.05 - 0.7 [7.3 - 101.5]	0 - 60 [32 - 140]
CS-BCG	Double Acting w/ Guide Clean System w/ Dust Collection	25	5 - 50 [upon request]	125 [4.9]	M5 x 0.8 [upon request]	343 [77]	264 [59]	10 - 300 [0.4 - 11.8]	0.05 - 0.7 [7.3 - 101.5]	0 - 60 [32 - 140]
CS-BCG	Double Acting w/ Guide Clean System w/ Dust Collection	32	10 - 100 [upon request]	200 [7.9]	Rc 1/8 [upon request]	563 [127]	422 [95]	10 - 300 [0.4 - 11.8]	0.05 - 0.7 [7.3 - 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-BCG	Double Acting w/ Guide Clean System w/ Dust Collection	40	10 - 100 [upon request]	200 [7.9]	Rc 1/8 [upon request]	879 [198]	739 [166]	10 - 300 [0.4 - 11.8]	0.05 - 0.7 [7.3 - 101.5]	0 - 60 [32 - 140]
CS-BCG	Double Acting w/ Guide Clean System w/ Dust Collection	50	10 - 100 [upon request]	200 [7.9]	Rc 1/8 [upon request]	1,374 [309]	1,154 [259]	10 - 300 [0.4 - 11.8]	0.05 - 0.7 [7.3 - 101.5]	0 - 60 [32 - 140]
CS-BCG	Double Acting w/ Guide Clean System w/ Dust Collection	63	10 - 100 [upon request]	200 [7.9]	Rc 1/4 [upon request]	2,181 [490]	1,961 [441]	10 - 300 [0.4 - 11.8]	0.05 - 0.7 [7.3 - 101.5]	0 - 60 [32 - 140]
CSL-BCG	Double Acting w/ Guide Clean System w/o Dust Collection	6	5 - 30 [upon request]	50 [2.0]	M3 x 0.5 [upon request]	19.8 [4.5]	11 [2.5]	10 - 300 [0.4 - 11.8]	0.12 - 0.7 [17.4 - 101.5]	0 - 60 [32 - 140]
CSL-BCG	Double Acting w/ Guide Clean System w/o Dust Collection	8	5 - 30 [upon request]	50 [2.0]	M3 x 0.5 [upon request]	35.2 [7.9]	21.4 [4.8]	10 - 300 [0.4 - 11.8]	0.06 - 0.7 [8.7 - 101.5]	0 - 60 [32 - 140]
CSL-BCG	Double Acting w/ Guide Clean System w/o Dust Collection	10	5 - 30 [upon request]	50 [2.0]	M3 x 0.5 [upon request]	55 [12.4]	41.2 [9.3]	10 - 300 [0.4 - 11.8]	0.06 - 0.7 [8.7 - 101.5]	0 - 60 [32 - 140]
CSL-BCG	Double Acting w/ Guide Clean System w/o Dust Collection	12	5 - 30 [upon request]	100 [3.9]	M5 x 0.8 [upon request]	79.1 [17.8]	59.4 [13.4]	10 - 300 [0.4 - 11.8]	0.06 - 0.7 [8.7 - 101.5]	0 - 60 [32 - 140]
CSL-BCG	Double Acting w/ Guide Clean System w/o Dust Collection	16	5 - 30 [upon request]	100 [3.9]	M5 x 0.8 [upon request]	141 [32]	105 [24]	10 - 300 [0.4 - 11.8]	0.06 - 0.7 [8.7 - 101.5]	0 - 60 [32 - 140]
CSL-BCG	Double Acting w/ Guide Clean System w/o Dust Collection	20	5 - 50 [upon request]	125 [4.9]	M5 x 0.8 [upon request]	220 [49]	165 [37]	10 - 300 [0.4 - 11.8]	0.05 - 0.7 [7.3 - 101.5]	0 - 60 [32 - 140]
CSL-BCG	Double Acting w/ Guide Clean System w/o Dust Collection	25	5 - 50 [upon request]	125 [4.9]	M5 x 0.8 [upon request]	343 [77]	264 [59]	10 - 300 [0.4 - 11.8]	0.05 - 0.7 [7.3 - 101.5]	0 - 60 [32 - 140]
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