

ELECTRIC CYLINDERS WITH BUILT-IN CONTROLLER

A complete self-contained unit, suggested for replacement of pneumatic cylinders where increased lifetime, speed and control are desirable.



- ✓ Built-in controller
- ✓ Airless and quiet operation
- ✓ Graphical User Interface for simple set-up
- ✓ IP protection optional

Part Number	Voltage [DC]	Size: Dia.x L [mm]	Stroke [mm]	Peak Force [N]	Continuous Force [N]	Force Constance [N/A]	Maximum Current [Amp]	Moving Mass [kg]	Weight [kg]
CBL35C-010-55-1	24	Ø35x135	10	15	6	9	1.5	0.04	0.52
CBL35C-010-75-1	48	Ø35x135	10	22	8.8	13.4	1.6	0.04	0.52
CBL35C-015-55-1	24	Ø35x140	15	10	4	7	1.5	0.06	0.57
CBL35C-015-75-1	48	Ø35x140	15	14	5.6	8.8	1.6	0.06	0.57
CBL35C-025-55-1	24	Ø35x150	25	8.5	3.4	5.8	1.5	0.06	0.67
CBL35C-025-75-1	48	Ø35x150	25	14	5.6	8.8	1.6	0.06	0.67
CBL50C-010-55-1	24	Ø50x177.5	10	33	13	22	1.5	0.14	1.29
CBL50C-010-55-2	24	Ø50x220.5	10	49	19	16	3	0.21	1.8
CBL50C-010-75-1	48	Ø50x177.5	10	40	16	26	1.5	0.14	1.29
CBL50C-010-75-2	48	Ø50x220.5	10	100	40	33	3	0.21	1.8
CBL50C-025-55-1	24	Ø50x192.5	25	23	9	15	1.5	0.15	1.38
CBL50C-025-55-2	24	Ø50x258	25	40	16	13	3	0.24	2.25
CBL50C-025-75-1	48	Ø50x192.5	25	40	16	26	1.5	0.15	1.38
CBL50C-025-75-2	48	Ø50x255.5	25	70	28	23	3	0.24	2.25

NOTE: For any SMAC Moving Coil Actuators, the maximum recommended continuous duty current is 600mA supplied to the actuator over a 1 second period. For anything beyond this in terms of current draw or time please consult the factory. We manufacture actuators to suit our customers' requirements. Please call us if you do not find the right actuator in this list.



CBL35C



CBL50C



Options & Modifications (Consult factory for availability)

- Built-in Controller ----- Simple installation and effective use of space.
- Encoder resolutions ----- 5µm standard. 1µm optional.
- Shaft ends ----- Male, Female, Blank and Custom.
- Return spring ----- Prevents the shaft from dropping during vertical operation when power is cut.
- Vacuum ----- Vacuum through the shaft or on the shaft for pick and place applications.
- Mount ----- Front mount only
- Dust/Waterproof ----- IP65/67 protection is available.
- Cable ----- Flying lead only