

# ELECTRIC CYLINDERS | CBL/CTL SERIES

**Direct replacement of air cylinders. High speed, compact and price-competitive cylinder actuators are the ideal solution for new machine designs and upgrade.**



- ✓ Direct replacement of air cylinders
- ✓ Cost competitive
- ✓ Long life expectancy, typically over 100 million cycles
- ✓ 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]
CBL35-010-55-1	24	Ø35x96	10	15	6	9	1.5	0.04	0.45
CBL35-010-75-1	48	Ø35x96	10	22	8.8	13.4	1.6	0.04	0.45
CBL35-015-55-1	24	Ø35x101	15	10	4	7	1.5	0.06	0.5
CBL35-015-75-1	48	Ø35x101	15	14	5.6	8.8	1.6	0.06	0.5
CBL35-025-55-1	24	Ø35x111	25	8.5	3.4	5.8	1.5	0.06	0.6
CBL35-025-75-1	48	Ø35x111	25	14	5.6	8.8	1.6	0.06	0.6
CBL50-010-55-1	24	Ø50x123	10	33	13	22	1.5	0.14	1.14
CBL50-010-55-2	24	Ø50x166	10	49	19	16	3	0.21	1.7
CBL50-010-75-1	48	Ø50x123	10	40	16	26	1.5	0.14	1.14
CBL50-010-75-2	48	Ø50x166	10	100	40	33	3	0.21	1.7
CBL50-025-55-1	24	Ø50x138	25	23	9	15	1.5	0.15	1.3
CBL50-025-55-2	24	Ø50x203	25	40	16	13	3	0.24	2.1
CBL50-025-75-1	48	Ø50x138	25	40	16	26	1.5	0.15	1.3
CBL50-025-75-2	48	Ø50x203	25	70	28	23	3	0.24	2.1
CTL50-010-75-2	48	Ø48x160	10	47	18	12.7	3	0.19	1.1
CTL70-010-75-2	48	Ø70x190	10	190	76	21	9	0.35	3

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.



## Options & Modifications (Consult factory for availability)

- 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 (standard), base mount optional. Threaded Mount is available for CAL12 series only.
- Dust/Waterproof ----- IP65/67 protection is available with CBL series.