

CBL35 Series

Electric Cylinder

Designed to overcome problems with existing conventional devices in the packaging industry with improved cycle rate, uptime, and work environment. For end users and machine manufacturers.

The CBL35 offers cycle life well beyond 100 million cycles. It achieves accelerations up to 50G, enabling the actuators to cycle at rate >2000 CPM.

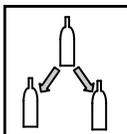
Fully programmable in force, position and velocity, it can be adjusted in seconds and does not require recalibration. Precise motion control has inherent force feedback capabilities. This results in a substantial saving of time and cost, and increases throughput due to a significant reduction in machine down time. Cleaner and quieter operation with no exhaust air.

CBL35 Series

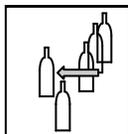
Dimensions [mm]	Ø35 x 95 (depending on stroke)
Stroke [mm]	10, 25 +1/-0
Acceleration [G]	up to 50G (zero payload)
Peak Force [N]	15 @1.5A (10mm stroke, 24VDC) 14 @1.5A (25mm stroke, 48VDC)
Encoder Resolution [µm]	5 (standard), 1 (option)
SMAC's Patented	'Soft-Land' Technology



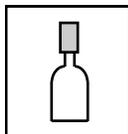
Applications



Sorting
Diverting



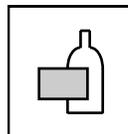
Rejecting



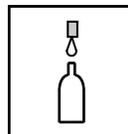
Nitrogen Dosing



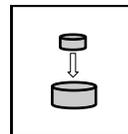
Leak Detector



Labelling

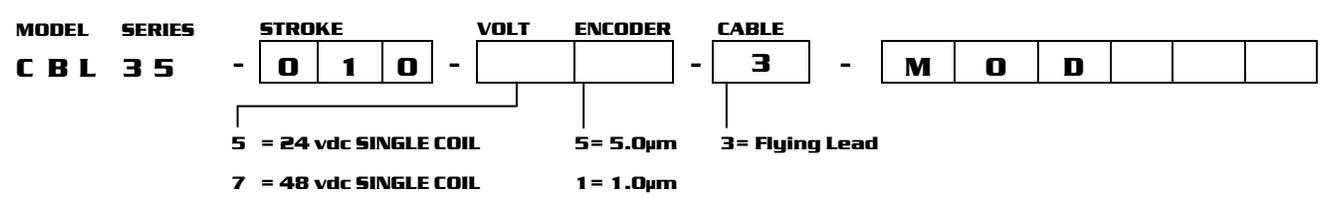


Filling



Assembly

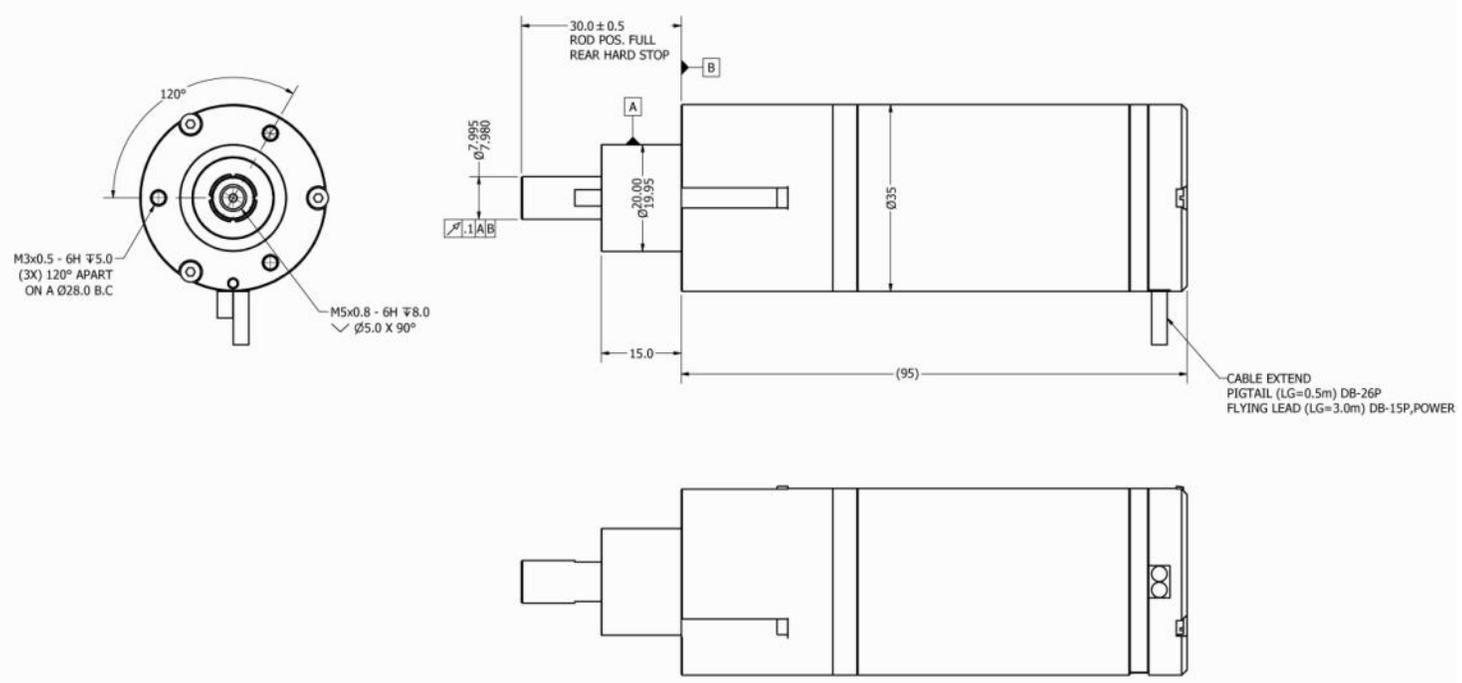
PART NUMBERING



SPECIFICATION

Model	Voltage [DC]	Size: LxWxH [mm]	Stroke [mm]	Max. Force [N]	Continuous Force [N]	Force Constant [N/A]	Max. Current [Amp]	Moving Mass [kg]	Weight [kg]
CBL35-010-5	24	Ø35 x 95	10	15	6	9	1.5	0.045	0.45
CBL35-025-7	48	Ø35 x 110	25	14	5.6	8.8	1.5	0.05	0.5

DIMENSIONS (CBL35-010-5 model)



Regional Distributor



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Specifications subject to change without notice.