

# 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.

# SMAC

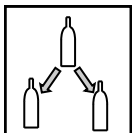
## Moving Coil Actuators

### CBL35 Series

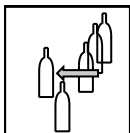
Dimensions [mm]	Ø35 x 95 - 178 (depending on stroke)
Stroke [mm]	10, 15 & 25 +1/-0
Acceleration [G]	up to 50 (zero payload)
Peak Force [N]	up to 61
Encoder Resolution [µm]	5 standard, 1 optional
SMAC's Patented 'Soft-Land' Technology	
IP65 / IP67 protection available	



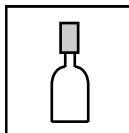
### Applications



Sorting  
Diverting



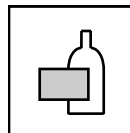
Rejecting



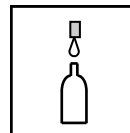
Nitrogen Dosing



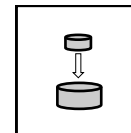
Leak Detection



Labelling

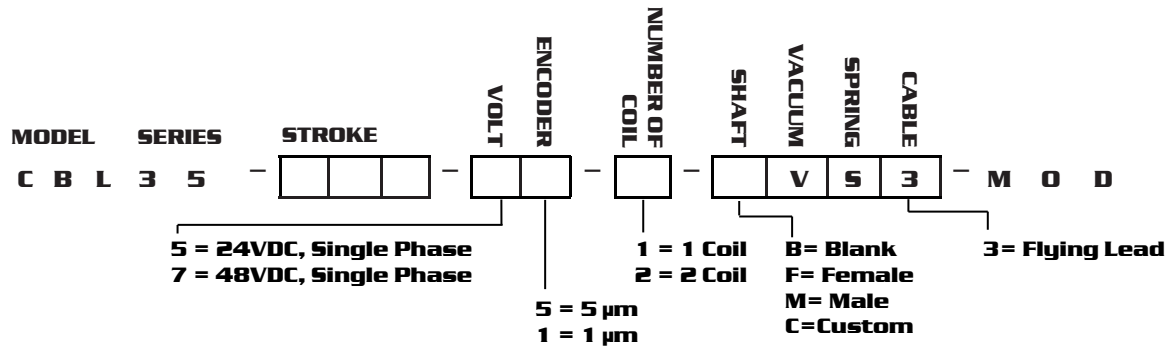


Filling



Assembly

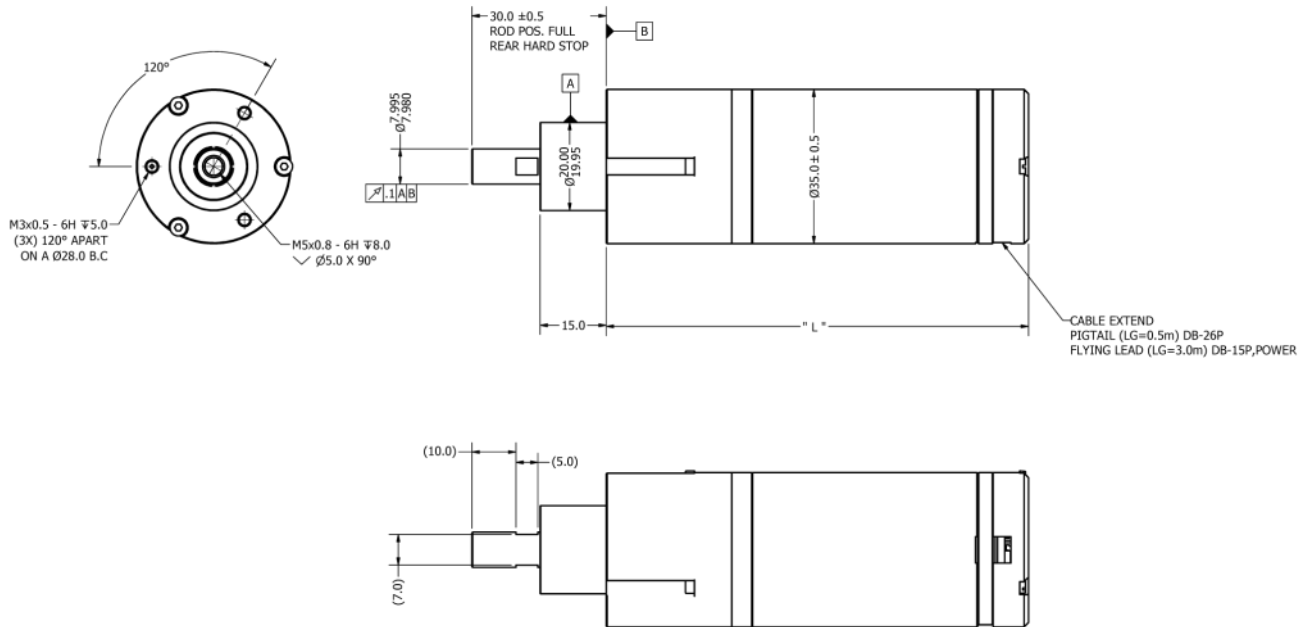
# PART NUMBERING



# SPECIFICATION

Model	Voltage [DC]	Size: Dia. x L [mm]	Stroke [mm]	Peak Force [N]	Continuous Force [N]	Force Constant [N/A]	Max. 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
CBL35-010-75-3	48	Ø35x178	10	61	24.4	15	4.3	0.1	0.95
CBL35-015-55-1	24	Ø35x101	15	10	4	7	1.5	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

# DIMENSIONS (CBL35 Series)



## Regional Distributor



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