

# CAL36 Series

## Electric Cylinder

50G acceleration

100million Cycle Long Life

Replaces Cams & Pneumatic Cylinders



# SMAC

## Moving Coil Actuators

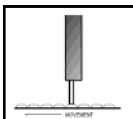
### CAL36 series

- 36mm Diameter Linear Motor
- Stroke: 15, 25, 50mm
- Peak Force: 12 - 27N @ 24VDC
- Encoder resolution: 20 $\mu$ m, 5 $\mu$ m, 1 $\mu$ m, 0.5 $\mu$ m, 0.05 $\mu$ m
- Fully programmable in force, position and velocity
- Ultra fast short stroke linear motor

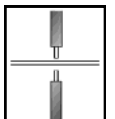
### Applications



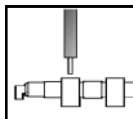
Switch Test



Height Gauging



Thickness Measurement



Profile Measurement

[www.smac-mca.com](http://www.smac-mca.com)

# CAL36 series Electric Cylinder

## PART NUMBERING

MODEL	SERIES	STROKE			VOLT		ENCODER	SHAFT			VACUUM	SPRING		MOD						
CAL	36	-				5	5	-			V	S	-	M	O	D				
		5 = DC24V SINGLE COIL			6 = DC24V DOUBLE COIL		0 = 0.5µm	1 = 1.0µm	5 = 5.0µm	2 = 0.1µm	B = BLANK	F = FEMALE	M = MALE	C = CUSTOM						

## SPECIFICATION

DIMENSION:	Ø36x145mm / 155mm / 230 mm
LINEAR STROKE:	15 / 25 / 50 mm (+1/-0 mm)
PEAK FORCE:	28N@48VDC
ENCODER RESOLUTION:	20µm, 5µm, 1µm, 0.5µm, 0.1µm, 0.05µm
ENCODER REPEATABILITY:	+/-2 encoder count
MOVING MASS:	0.080 - 0.095 Kg
TOTAL MASS:	0.556Kg (0.475Kg w/o cable)
OPERATING TEMPERATURE:	0 - 65°C

## DIMENSIONS

