

CAL36 Series

Electric Cylinder

50G acceleration

100million Cycle Long Life

Replaces Cams & Pneumatic Cylinders



SMAC

Moving Coil Actuators

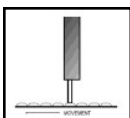
CAL36 series

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

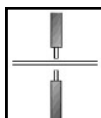
Applications



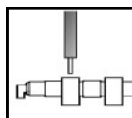
Switch Test



Height Gauging



Thickness Measurement



Profile Measurement

www.smac-mca.com

CAL36 series Electric Cylinder

PART NUMBERING

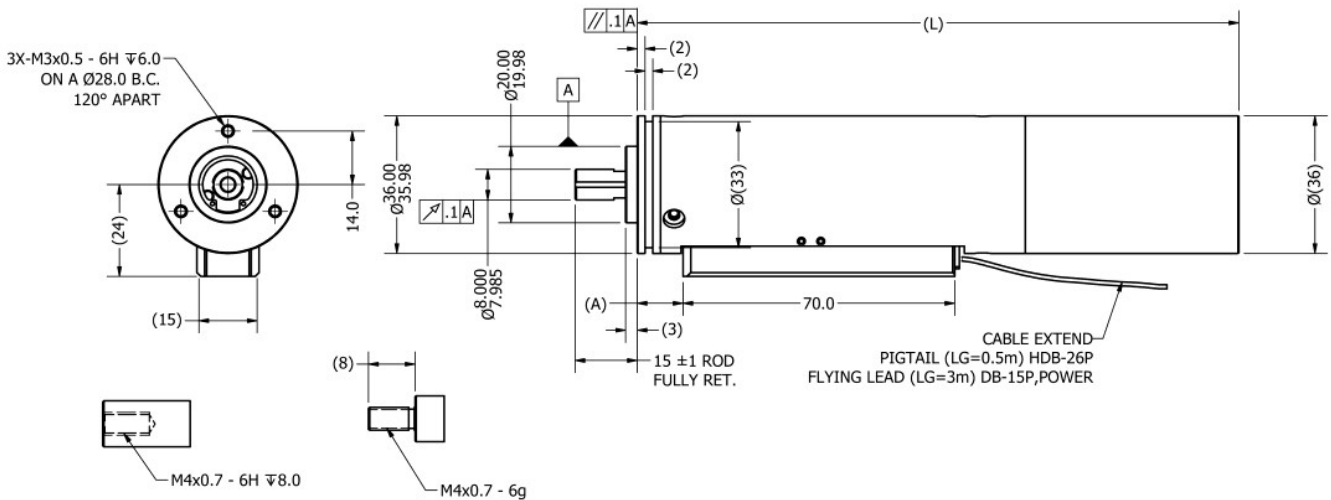
MODEL	SERIES	STROKE	VOLT	ENCODER	SHAFT	VACUUM	SPRING	MOD								
CAL	36	-	-	5	5	-	V	S	-	M	O	D				

5 = DC24V SINGLE COIL	0 = 0.5µm	B = BLANK
6 = DC24V DOUBLE COIL	1 = 1.0µm	F = FEMALE
	5 = 5.0µm	M = MALE
	2 = 0.1µm	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



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