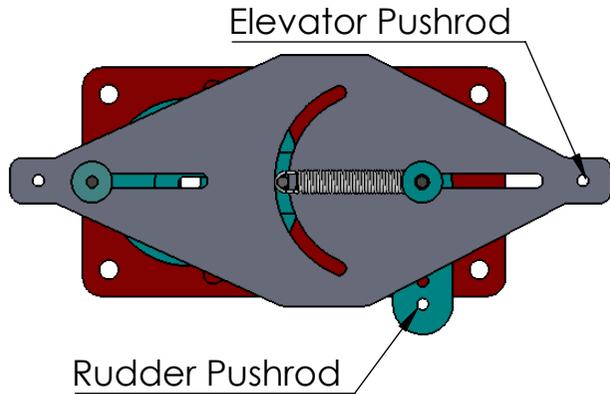


Instruction sheet for assembly of DIY Galloping Ghost actuator GG-Pelle/RCM&E



Dowel pins and motor shaft to be degreased and CA in location

Size holes with the help of a drill bit of the proper size.

3D Printing instructions:

Filament: ABS

Layer height: 0,10-0,15 mm

Wall thickness: 1,6 mm

Nozzle size: 0,4 mm

Infill: 75 % Support: Yes

You might need to correct values in accordance with your printer

Spring general dimensions:

Pull to Pull Length (mm) 19 - 20 mm

Outside Diameter (mm) 3.2 - 4.0 mm

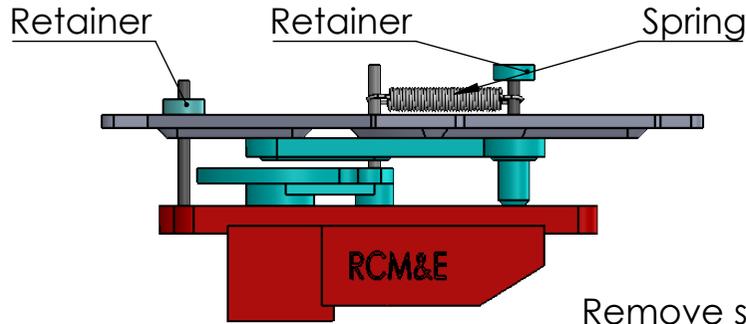
Wire Diameter (mm) 0.36 - 0.4

Suggested spring is: 0,4X3X20 mm

i.e. Lesjofors 3242: ES 0,4X3X2)

Motor:

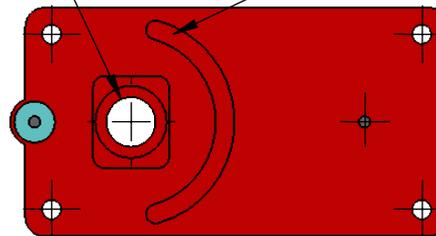
Gear motor N20-6V 400RPM



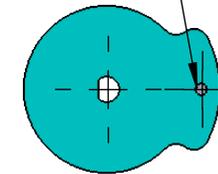
Retainers: preferably Starlock washer but CA-glued spacers will work

Remove support from this area.

Size to 6,5 mm



Size to 1,5 mm

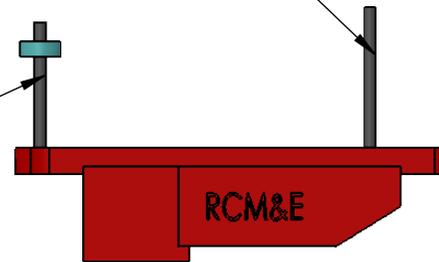


Dowel pins obtained from 1,5 mm piano wire cut to size with sharp edges ground down

Dowel Pin 1,5 x 24 mm

Dowel Pin 1,5 mm x 20 mm

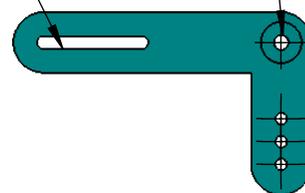
Dowel pin 1,5 x 20



Slot to be sized to 1,6 mm

Size to 1,6 mm

Dowel Pin to extend 1,5 - 2,0 mm



Developed & Designed by Tobe Källner

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Commercial use is not allowed.

Be aware that this actuator differs from regular GG actuator. It's not able to cycle
For more help visit www.mode-zero.uk