



1/2 Scale ACA Hurricane MKII (WIP)



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[VIEW IN BROWSER](#)

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Summary

This is a work in progress. STL's are subject to changes. Nothing here is expected to be final.

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Finally, ADHD stopped biting me in the ass. This has been in development for over a year now, and I feel it is finally time that I can release this publicly. This is currently in development. STLs are subject to changes. Everything is already in the correct print orientation.

Print rotors, rotator tubes, and flange in 99 percent infill. Chopper tube I suggest 99 percent infill. I do not recommend any lower than 90 percent infill for the chopper tube.

Motor is a Samsung DE31-0028X. MAKE SURE you really are buying a 28X. Ebay sellers sometimes say on the listing "28X" but then u get some other model like a 28W in the mail.

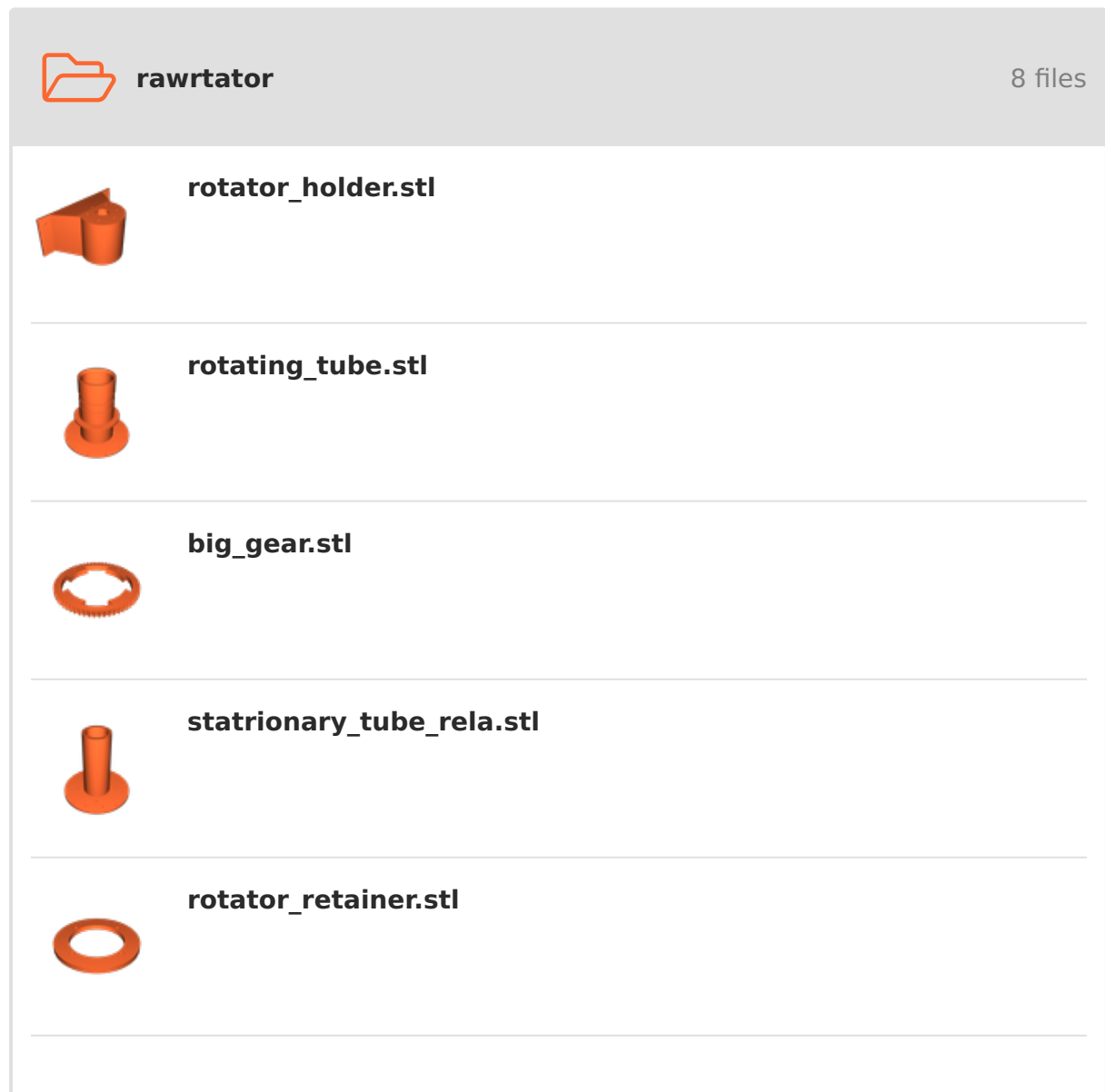
Hardware is M3 machine screws and nuts except for the 4 studs for the flange to connect to the rotator. those are M4 screws.

Collector rings are copper tape with like 22 gauge or some shit wire underneath them. Then https://www.amazon.com/gp/product/B07DYW5ZY7/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1 these brushes.

M3x5.7 brass threaded inserts for the screw holes on the face of the stators.

This is a very low effort description. I haven't felt like making a detailed description yet, sowwy TwT

Model files





rotator_holding_bracket.stl



rotator_motor_gear.stl



brush_holder.stl



rotors

21 files



8-port-1-hole.stl



10-port-6-hole.stl



8-port-3-hole.stl



8-port-5-hole.stl



10-port-1-hole.stl



8-port-8-hole.stl



8-port-4-hole.stl



8-port-10-hole.stl



10-port-7-hole.stl



10-port-2-hole.stl



8mm-shaft-tolerance-tool.stl



10-port-4-hole.stl



8-port-6-hole.stl



10-port-5-hole.stl



8-port-9-hole.stl



10-port-8-hole.stl



10-port-9-hole.stl



10-port-3-hole.stl



8-port-7-hole.stl



10-port-10-hole.stl



8-port-2-hole.stl



motor cover halves

2 files



motor-cover-1.stl



motor-cover-2.stl



statoration

2 files



8-port-stator.stl



10-port-stator.stl



horny OwO

3 files



throats.stl



section-2.stl



chopper-tube-toleranced.stl

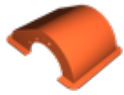


adapting-the-shop-of-vacs.stl



flangy-wangy-owo.stl

left-cover.stl



right-cover.stl



tpuwu-gasket-wasket.stl



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