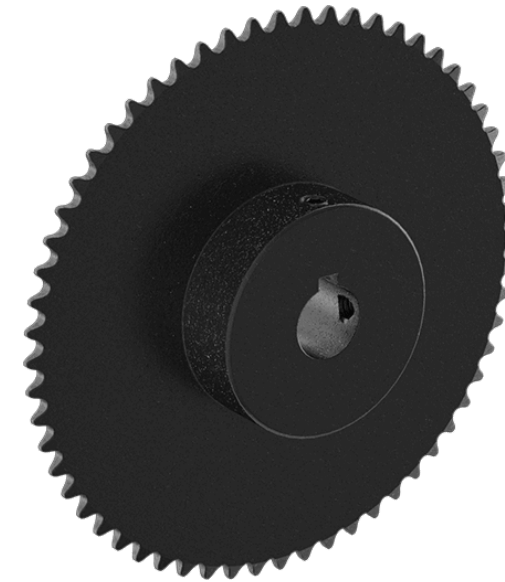


Electrathon Items Wishlist



Wheel Sprocket (\$50.71)

- $\frac{5}{8}$ " ID
- Keyed + set screw
- 60T (65T also possible)
- <https://www.mcmaster.com/2737T342/>



Motor Sprocket (\$17.58)

- $\frac{7}{8}$ " ID
- Keyed + set screw
- 20T
- <https://www.mcmaster.com/2737T136/>



Chain (\$31.65)

- ANSI #25 $\frac{1}{4}$ " Pitch
- 5ft length
- <https://www.mcmaster.com/6261K171-6261K285/>



Motor (ME0909) (\$600 - \$800)

- $\frac{7}{8}$ "x 1-3/4", 3/16" key Shaft
- 24 lbs
- 12-48V
- Spec Sheet in link
- <https://www.thunderstruck-ev.com/motenergy-me0909.html>



Motor Controller:

- **SR48300 (\$600)**
 - 300 Peak Amps
 - 125 Continuous Amps
- **SR48400 (\$680)**
 - 400 Peak Amps
 - 140 Continuous Amps
- <https://www.electricmotorsport.com/ev-parts/controllers/>



x2 Pillow Block Bearing (\$29.02)

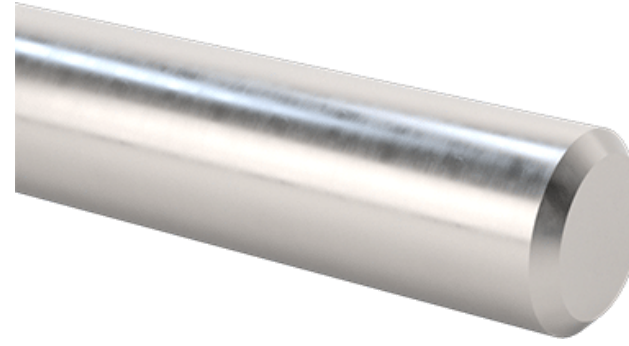
- $\frac{5}{8}$ " ID
- Set Screw to mount shaft
- Sealed Bearing
- <https://www.mcmaster.com/6494K11/>



Rear Wheel Shaft (\$13.68)

- $\frac{5}{8}$ " diameter
- 12 inches
- 1566 carbon steel

<https://www.mcmaster.com/1346K24/>



Rear Wheel (\$52)

- 24" Wheel diameter
- $\frac{5}{8}$ " through axle
- <https://www.huskybicycles.com/tricycle-wheel-24-x-175-rear-alloy-silver.html>



x2 Front Wheels

- 20-24" Wheel diameter
- 12mm shaft diameter minimum
- Disk brake mounts
- ~\$200 for both wheels



x2 Brakes (\$50)

- Disk brake calipers kit
- <https://m.media-amazon.com/images/I/71oNS6rGtgL.jpg>



5-point seat harness (\$70)

- 5-point connection as required by the rules
- <https://www.amazon.ca/BESTZHEYU-Compatible-Shoulder-Universal-Poly>



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