

Standing desk motor

$$\tau = F \cdot l = mg \cdot 0.12 = 1.5 \text{ kg} \cdot 10 \frac{\text{m}}{\text{s}^2} \cdot 0.12 \text{ m} = 1.8 \text{ Nm} \approx 18 \text{ kg cm}$$

↓
"Empirisch
maß"

↑
"ganz
sicher"

↑
"Empirisch
maß"

Komponenten

ALI

- Motor (16B37-545, 12V Bracket, 67RPM) 196kr ✓
- Barrel jack → cable 17kr ✓

OV

- ~~BTS7960 motor driver~~ 60kr L298N motordriver 36
- Raspberry pi: Picu + powersupply 120kr ✓
- SX1308 voltage boost. ✓
- Wires (rated for 12V and 3-5A) ✓
- Power supply motor (12V, 3-5A) ✓

• Multimeter

CAO

D-shaft

