

Peristaltic Pump Components

Benn Proper

Component Name	Quantity
M3x12 bolt	2 + 4*
M3x12 bolt	4*
M4x20 bolt	3*
M4x25 bolt	4*
M3 Nut	4*
M4 Nut	7*
M4 Washer	6*
13x4x5 Ball Bearing	6*
6 x4 mm Soft Silicon Tubing	1 m*
Arduino Uno R3	1
0.55 Nm - 1.5 A Steppermotor NEMA 17	1
A4988 Motor Driver Module	1
10 k Ω Potentiometer	1
47 μ F Capacitor	1
12 V - 2 A Adapter with DC jack	1
Breadboard 400 points	1
Jumper wire - male to male	19
DC Jack Female 5.5 mm	1

Fig. 1: Component list to construct the pump, (\cdot)* denotes the amount needed to construct a single channel