2008 report

* Bearing selection (5.1)
  + Angular contact bearings
  + NSK general purpose, non-precision, open-ball, 15° contact angle, 26mm OD, 10mm ID, 8mm thick
  + $75/pair
* Rotary encoder
  + Axis 1 – 40mm 10000CPR 0.086°
    - Automation Direct TRDSH-2500-VD
  + Axis 2 – 25mm, 1440 CPR 0.25°
* Motor – Maxon EC-Max 25W Brushless 66:1 7.5Nm
  + Maxon EC models are sterilization up to 100 times
* Motor controller – Max EPOS 24/5 CAN 1kHz refresh
* Power supply
  + 24 V 2.1A
* Microcontroller
  + Atmel AT90CAN128 16MHz
  + Olimex AVR-CAN development board
* Timing (p.57, 66)
  + Algorithm – 706us
  + CAN – 406us
* PID parameters (p. 60)
  + Ksp 8
  + Ksi 64
  + Kso 1
  + Ks 2