

WCK-1111K (A-MO-M-00124)

/ WCK-1108K (A-MO-M-00123)



It is DIGITAL SERVO MOTOR that uses MCU ATMEGA8 to control the operation of internal SERVO in the format of PID CONTROL (+-0.8 degree).

- WCK-111K runs at 6-10VDC, TORQUE 11kg/ cm., 1.8A MAX
- WCK-1108K runs at 6-10VDC, TORQUE 8kg/ cm., 1.8A MAX
- Can rotate through 360 degrees, so it can be wheel.
- Can control the position of rotation in the range of 0-333 degrees
- Transmit-recvie data into MOTOR in the format of MULTI-DROP FULL DUPLEX UART (TTL); moreover, it can be interfaced with many MOTOR together.
- Can choose SPEED and rotational direction.

RBO-JOINT03 BLK (A-MO-M-00125)

/ RBO-JOINT02 BLK (A-MO-M-00126)



It is plastic joint assembly to hold DIGITAL SERVO MOTOR of ROBOBUILDER and it can be compatible with version WCK-1111K, WCK-1108K. The SERVO MOTOR can be adapted and modified into various types such as arm machine or other as required, Now, there are 2 versions.

It is the only one DIGITAL SERVO MOTOR that has machine system and plastic joint assembly together, so user can be inter-face and assemble robot independently.



- RBO-JOINT01 BLK has totally 39 pieces in 11 types of joint assembly.

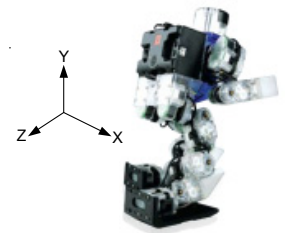
- RBO-JOINT02 BLK has totally 8 pieces in 8 types of joint assembly.

RBX-ACL3A01 (B-IC-A-00026)



It is additional board to support operation of ROBOBUILDER to measure the acceleration and inclination of the X, Y and Z Axis.

- There are 3 axes: X, Y and Z from +1.75 g to -1.75g.
- Be welded into the part of CPU of robot.
- If applies for the operation of robot, it makes user know robot is upright or slant in which position.



STEPPING MOTOR # M55SP-IN

(A-MO-M-00038)



- STEPPING MOTOR 4 PHASE
- POWER 24VDC/216mA / PHASE
- 120 OHM / PHASE
- 7.5° / STEP
- HOLDING TORQUE 127.4 mN-M
- DIMENSIONS Ø 55 mm. Wide 23 mm.

DC MOTOR TN740908

(A-MO-M-00040)



RATING :	24 VDC
STALL CURRENT :	2.5 A
STALL TORQUE :	28.70 N-cm (40.68 in-oz)
NO LOAD SPEED :	4550 rpm
WEIGHT :	224 grams
NO LOAD CURRENT :	0.15 A
START UP VOLTAGE :	2 VDC
SHAFT DIAMETER :	3.10 mm.
MOTOR DIAMETER :	37 mm.
MOTOR LENGHT :	64 mm.