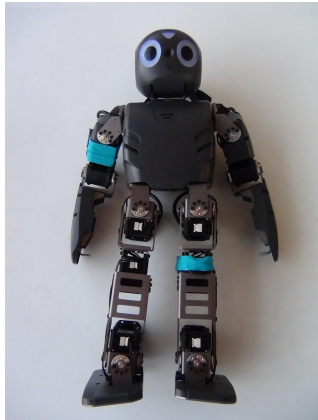


MRL Humanoid KidSize Robot Specification 2012

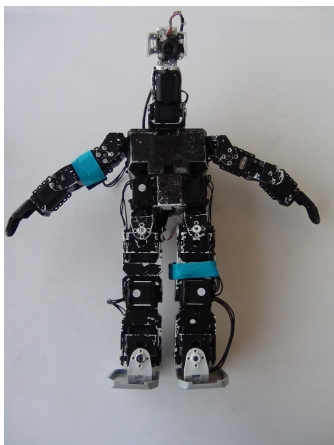
Physical measurements of the robots. (a) DARwIn, (b) Bioloid.



(a) DARwIn

Height:	45.5 cm
Weight:	2.8 Kg
Walking Speed:	24 cm/s
Degrees of freedom:	20 in total
Servo motors:	20 MX-28
Sensors:	Touch sensor IMU
Embedded PC board:	Fit-PC2i

(b) Bioloid.



Height:	42.2 cm
Weight:	2.16 Kg
Walking Speed:	10c m/s
Degrees of freedom:	20 in total
Servo motors:	20 AX-12
Sensors:	ITG-3200, ADXL330, and FSR
Embedded PC board:	RoBoard RB- 100