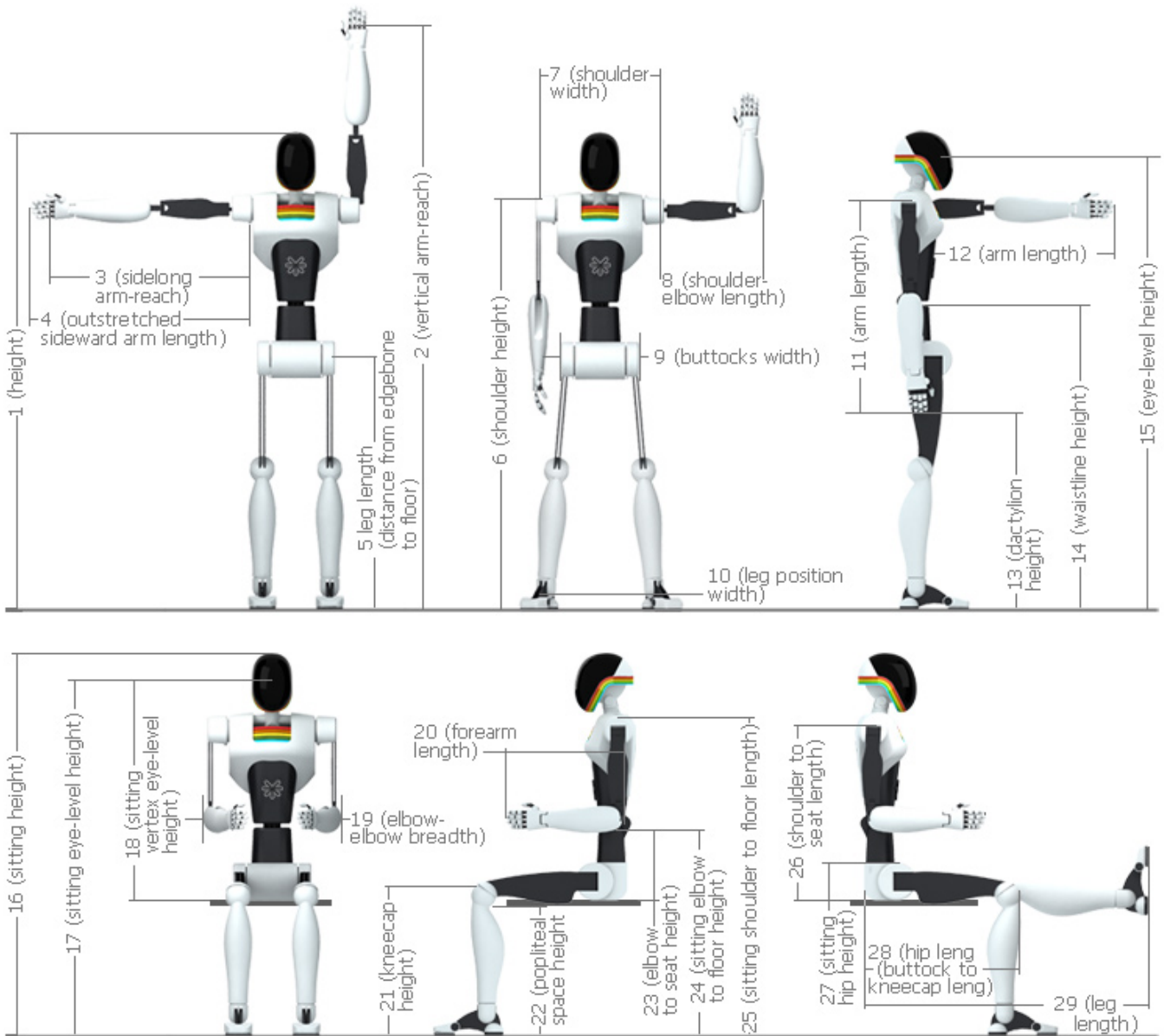


Main anthropometrical human body physical dimensions

Robot macosh-androidand his body correspondtohuman body physical dimensions



№	Quantity under measure	Male body dimensions, cm			Female body dimensions, cm		
		5%	50%	95%	5%	50%	95%
1	height	163.3	174,4	185.5	152.4	162,6	172.8
2	vertical arm-reach	203.1	215.6	228.2	191,3	202.9	214.5
3	sidelong arm-reach	57.2	62.2	67.2	52.5	56.8	61.1
4	outstretched sideward arm length	67	72.4	77.8	66.1	68.7	71.3
5	leg length (distance from edgebone to floor)	78.2	85.1	92	68	74.7	81.4
6	shoulder height	136.8	146.7	156.5	123.1	132.9	142.6
7	shoulder width	44.2	48.7	53.2	38.6	42.7	46.8
8	shoulder-elbow length	30.1	32.8	35.5	27.6	30.3	33
9	buttocks width	34.4	38.3	42.2	35.7	38.7	41.6
10	leg position width	71	83	95	60	72.6	84.6
11	arm length	69.7	75.5	81.3	64.7	70	75.2
12	length of the arm stretched forward	68.9	74.5	80	63.6	68.7	73.8
13	dactylion height	56.8	62.3	67.7	52.5	59.1	65.8
14	waistline height	96.5	108.3	120	91.6	101.2	110.9
15	eye-level height	155.3	165.9	176.5	144.7	153.9	164.6
16	sitting height	134.4	141.7	148.9	127	132.6	138.2
17	sitting eye-level height	126.4	133.2	139.9	119.3	124.5	130
18	sitting vertex eye-level height	76.6	81.8	87	69.5	78	86.5
19	elbow-elbow breadth	34.8	41.9	50.5	31.2	38.4	40.9
20	forearm length	43.2	46.8	50.4	39.5	42.7	45.7
21	kneecap height	49	54.4	59.4	45.5	49.8	54.6
22	popliteal space height	39.3	43.9	49	35.6	39.9	44.5
23	elbow to seat height	21	25.4	29.7	19.2	23.2	27.1
24	sitting elbow to floor height	60.3	69.5	78.7	54.8	63.1	71.6
25	sitting shoulder to floor length	99.9	109.3	118.6	89.8	98.7	107.6
26	shoulder to seat length	60.6	65.1	69.6	54.2	58.7	63.1
27	sitting hip height	10.9	14.5	17.5	10.4	13.7	17.5
28	hip length (buttock to kneecap length)	54.1	59.2	64	51.8	56.9	62.5
29	leg length (buttock to heel distance of an outstretched forward leg)	101.1	109.6	118	87.2	106.6	126