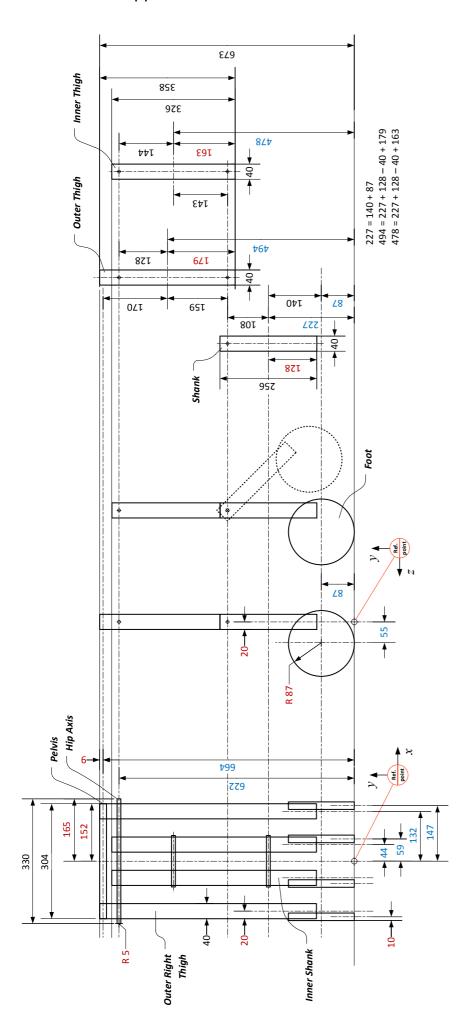
Appendix A – Passive Walker Dimensions



	Joint		Bod	Body A, rel. pos.	pos.	Bod	Body B, rel. pos.	pos.	Body	Body B, rotation	tation
Body A	Body B	Туре	x	λ	Z	x	У	Z	х	У	Z
Pelvis	Outer Thigh	Fixed	±132	0	0	0	170	0			0
Inner Leg Lock	Inner Shank	Fixed	0	0	0	0	0	0			0
Inner Thigh	Hip Axis	Fixed	0	144	0	0	+44	0			-π/2
Outer Thigh	Hip Axis	Hinge ±90°	0	128	0	0	±132	0			-π/2
Outer Thigh	Shank	Hinge +0/-95°	0	-159	0	0	108	0			0
Inner Thigh	Shank	Hinge +0/-95°	0	-143	0	0	108	0			0
Shank	Foot	Fixed	0	-140	55	0	± 15	0			-π/2

1	4	Ι	Half Extent	ıτ		Position		ō	Orientation	on
ran	snape	x	У	z	x	У	Z	x	λ	И
Pelvis	Вох	152	6	20	0	664	0	0	0	0
Hip Axis	Cylinder	2	165	2	0	622	0	0	0	$\pi/2$
Inner L/R Thigh	Вох	20	163	20	±44	478	0	0	0	0
Outer L/R Thigh	Вох	20	179	20	±132	494	0	0	0	0
Inner L/R Shank	Вох	20	128	20	±44	227	0	0	0	0
Outer L/R Shank	Вох	20	128	20	±132	227	0	0	0	0
Inner L/R Foot	Cylinder	28	10	87	+ 59	87	55	0	0	$\pi/2$
Outer L/R Foot	Cylinder	87	10	87	±147	87	55	0	0	$\pi/2$
Inner Leg Lock	Вох	89	2	2	0	227	0	0	0	0
		-		. ,						

Cylinder height is specified along y-axis (requires rotation) Position is given relative to the reference point Notes: