This needs be redrawn because this part is a_{34} is 0

a_{34}

S_1

S_2 S_3 a_{23}

a_{12}

a_{45} S_5

a_{56}

S_4

a_{67} S_6

Link Length, mm.	Twist Angle, deg.	Joint Offset, mm.	Joint Angle, deg.
a_{12} = 0	α_{12} = 90		ϕ_1 = variable
a_{23} = 650	α_{23} = 0	S_2 = 190	θ_2 = variable
a_{34} = 0	α_{34} = 270	S_3 = 0	θ_3 = variable
a_{45} = 0	α_{45} = 90	S_4 = 600	θ_4 = variable
a_{56} = 0	α_{56} = 90	S_5 = 0	θ_5 = variable
		S_6 is a free of choice (125) in picture	θ_6 = variable