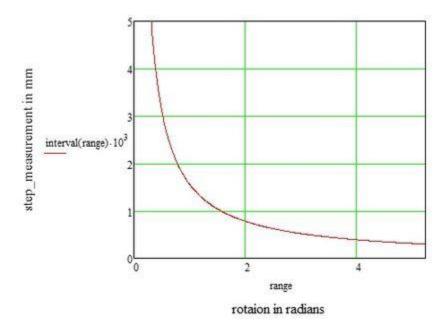
Validating Potentiometer

This graph compares the rotation used to the measurement resolution achievable. The y axis is the resolution in mm, customer specifications require under 1 mm. The x axis is degrees of ration in radians. Current set up

Resolution = 0.89 mm Meeting the customer's specs Design Goal

Resolution = 0.3mm Exceeding customer's specs Hoping to accomplish through gearing.



100deg = 1.745-rad 200deg = 3.491-rad

300deg = 5.236-rad