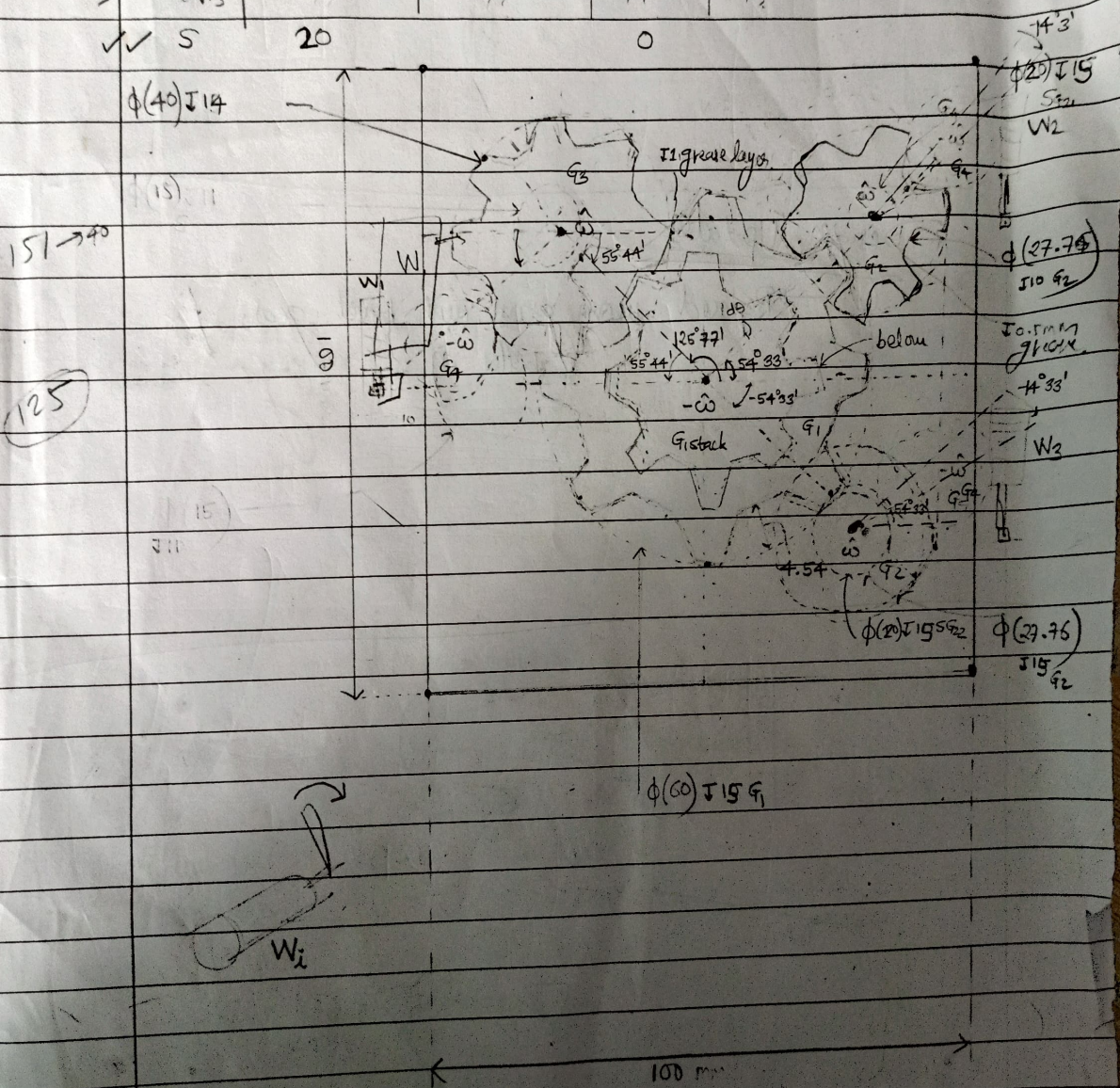


0.20

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Extra dog	used	ϕ (pitch)	Working Depth	No. of teeth (Z)	Ratio	Pressure angle
✓✓	G ₁ ✓	60	1.4	18	1:1.23	30°
✓✓	G ₁ stock ✓	3.25 x 10		13	1:1.23	
✓✓	G ₂ x 2X	30		9	1:2.46	W Helix angle
✓✓	G ₃ ✓	40		16	1:1	30°
✓✓	G ₄ ✓	2.67 x 10		8	1:2.46	
	W ₁					face width
	W ₂					15
	W ₃					
✓✓	S	20		0		



Tri-pseudo servo motor implementation
using 1 servo & gearset (Plan 1)

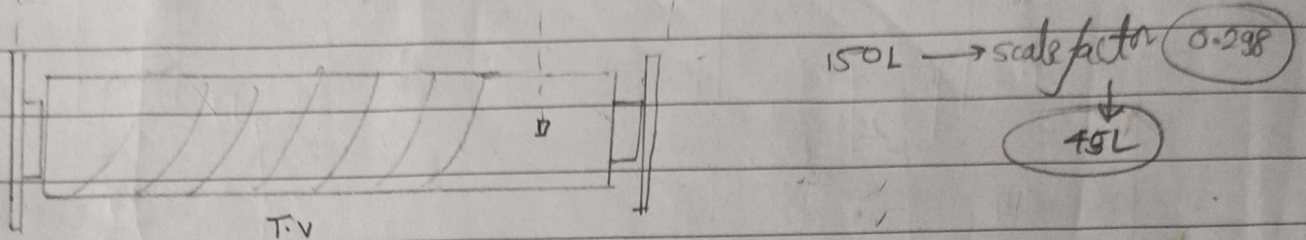
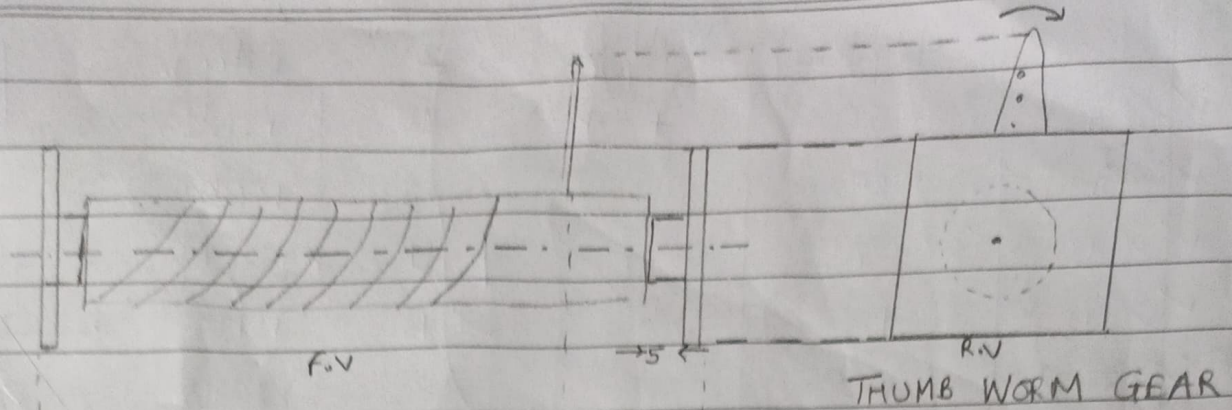
R-Gripper Gearset

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150L → scale factor (0.298)

↓

45L

Design Updates

→ Replaced worm gears with bevel gears for better η and simplicity