



given \rightarrow

* actuator \rightarrow Rod Style Actuator

$$\rightarrow F_{\max} = 58 \text{ kN}$$

$$* L_{\text{act}} + \Delta L_{\text{act}} = 1.5 \text{ m}$$

$$* S = 30 \text{ cm} = 0.3 \text{ m}$$

$$* b = 1 \text{ m}$$