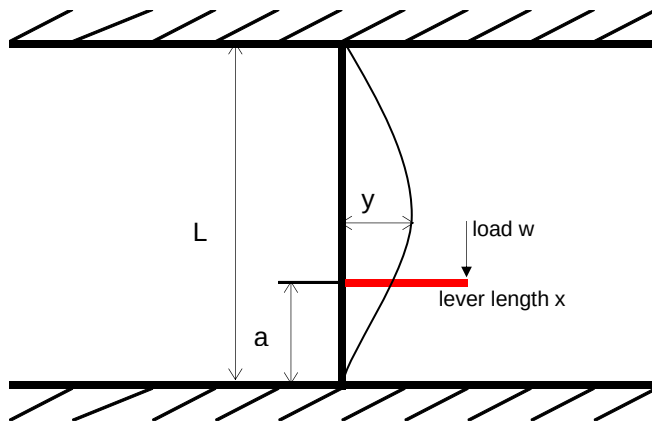




L=	3500	mm
a=	1683	mm
w=	300	N
EI=	3.75E+10	Nmm ²
x=	118	mm

Deflection $y = \frac{a}{3} \frac{w}{EI} \frac{x}{L} (\mu)$

Where: $\mu = \left\{ \frac{3}{10000} \cdot L^3 + 0.55 L^2 + 1350 L + 500000 \right\}$

Moment Induced $M = \frac{w}{L} \frac{x}{L} (L-500)$

$\mu = 12866089$

Deflection y = 1.95 mm

I/240 =	14.58
I/360 =	9.7
I/500 =	7.0