$$\frac{l_1}{A_1} = 0.864 \qquad \frac{d_c}{A_1} = 0.545$$

$$k_t := \text{interp}\left(y_S, x, y, \frac{d_c}{A_1}\right)$$

$$\sigma := \frac{G_u + G_g + G_i}{2\ (s_1 + s_2) \cdot (A_1 - d_c)} = 3.958\ \frac{kgf}{mm^2}$$

$$\sigma_{maxDD} := \sigma \cdot k_t = 9.734\ \frac{kgf}{mm^2}$$