

β equals CamAngle

$$\text{Displ}(\theta) = \text{Stroke} \cdot \left[\frac{\pi}{4 + \pi} \cdot \frac{\theta}{\beta} - \frac{1}{4 \cdot (4 + \pi)} \cdot \sin \left(4 \cdot \pi \cdot \frac{\theta}{\beta} \right) \right] \quad 0 \leq \theta \leq \frac{\beta}{8}$$

$$\text{Displ}(\theta) = \text{Stroke} \left[\frac{2}{4 + \pi} + \frac{\pi}{4 + \pi} \cdot \frac{\theta}{\beta} - \frac{9}{4 \cdot (4 + \pi)} \cdot \sin \left(4 \cdot \frac{\pi}{3} \cdot \frac{\theta}{\beta} + \frac{\pi}{3} \right) \right] \quad \frac{\beta}{8} \leq \theta \leq \frac{7 \cdot \beta}{8}$$

$$\text{Displ}(\theta) = H \cdot \left[\frac{4}{4 + \pi} + \frac{\pi}{4 + \pi} \cdot \frac{\theta}{\beta} - \frac{1}{4 \cdot (4 + \pi)} \cdot \sin \left(4 \cdot \pi \cdot \frac{\theta}{\beta} \right) \right] \quad \frac{7 \cdot \beta}{8} \leq \theta \leq \beta$$