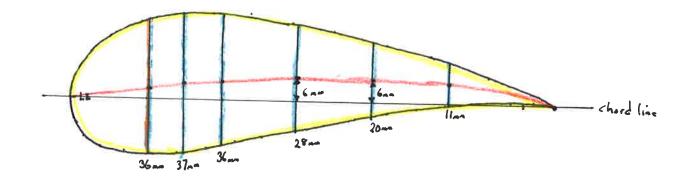


 $\alpha_{zL} \approx -\frac{2F}{C} = -2.0.03 = -0.06 \text{ md} = -3.4 \text{ deg} \implies C_{e} = 0.12.3.4$ This is the Goe 629.



Measure: Chord = 129 ma Max Huckness 37mm at 30 m att of LE $\left(\frac{1}{c} = \frac{37}{129} = 28.5\%\right)$ of 23% =) Find camber line by dividing upper and lower Max comber \approx 6mm at 50% = $\frac{1}{c} = \frac{6mm}{129mm} = 4.6\%$

Using Joukowski estimates:

•
$$C_{q} \approx 2\Pi \left(\frac{|1 + \epsilon|}{|1 + \epsilon^{2}}\right) \propto$$
 where $\epsilon \approx 0.77 \cdot \frac{1}{\epsilon} = 0.77 \cdot 0.285 = 0.219$
= $2\Pi \left(\frac{|1 + 0.216}{|1 + 0.216^{2}}\right) \propto$ Volice that this ONLY
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= $2\Pi \left(\frac{|1 + 0.216}{|1 + 0.216^{2}}\right) \propto$ $2\Pi \left(\frac{|1 + 10|}{|1 + 0.216^{2}}\right) = 2\Pi \left(\frac{|1 + 10|}{|1 + 0.216^{2}}\right)$
= $C_{q} \approx 2\Pi \left(\frac{|1 + 10|}{|1 + 0.216^{2}}\right) \approx 2\Pi \left(\frac{|1 + 10|}{|1 + 0.216^{2}}\right) \approx$ $2\Pi \left(\frac{|1 +$