



EZSlamX

INSTALLATION/SOFTWARE/USAGE

Q: Question

Where do Drag and Dynamic Friction come from?

A: Answer

Dynamic friction energy and drag is calculated, like seal dynamics, from Slam tests.

Dynamic friction energy is calculated along with drag as part of the same equation and is a function of velocity. Energy loss = $\text{Drag} \times (\text{velocity}^2) + \text{Friction} \times (\text{velocity})$

It is shown in this example Energy/Velocity graph where Green is Drag, Red is Friction, and adding them together gets the Blue curve which is Energy loss.

