

Terminology

Drag Force A force that opposes or resists motion, caused by collisions of moving objects with molecules in a fluid like air or water

Terminal Velocity The constant speed a freely falling object will eventually reach when the fluid through which the object is falling prevents further acceleration

Equation

F_{drag} : drag force
 C_{drag} : drag constant
 A : surface area
 ρ ("rho") : density of the fluid
 V : velocity of object

Example Problem

Equation

$$F_D = \frac{1}{2} \rho A C_D v^2$$



By BeeBooBopNerd

cheatography.com/beeboobopnerd/

Not published yet.

Last updated 4th May, 2022.

Page 1 of 1.

Sponsored by **Readable.com**

Measure your website readability!

<https://readable.com>