Horizontal Displacement Equation

Horizontal Velocity Equation:

$$y = \frac{1}{\frac{xk}{m} + (V_{bas})^{-1}}$$

Displacement:

$$X = \int \frac{1}{\frac{xk}{m} + (V_{bas})^{-1}} d(x)$$

$$X = \frac{m \ln(|x \times k \times V_{bas} + m|)}{k} + 227{,}80373177674$$

y for Velocity

x for time

X for distance (horizontal)