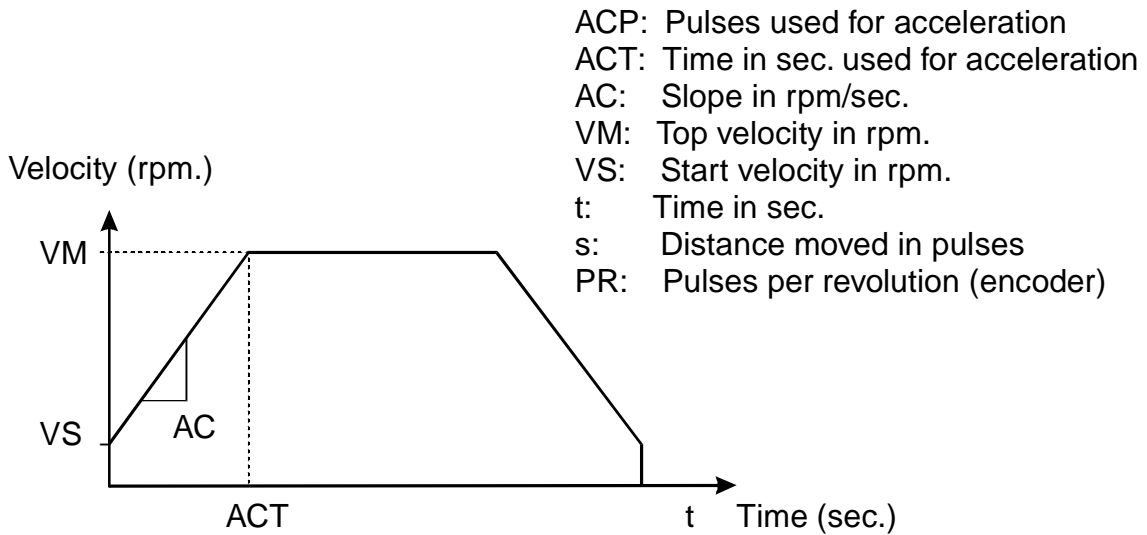




## Velocity/Time calculations (valid with AMC20, SMC35, SMI30)



$$ACP = \frac{(VM + VS) * ACT * PR}{120} \quad [\text{Pulses}]$$

$$ACP = \frac{(VM^2 - VS^2) * PR}{120 * AC} \quad [\text{Pulses}]$$

$$AC = \frac{VM - VS}{ACT} \quad [\text{RPM/sec.}]$$

$$s = \frac{AC * t^2 * PR}{120} \quad [\text{Pulses}]$$

(Valid if VS=0)

$$s = \frac{VM * t * PR}{60} \quad [\text{Pulses}]$$

(Valid if velocity is constant)

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