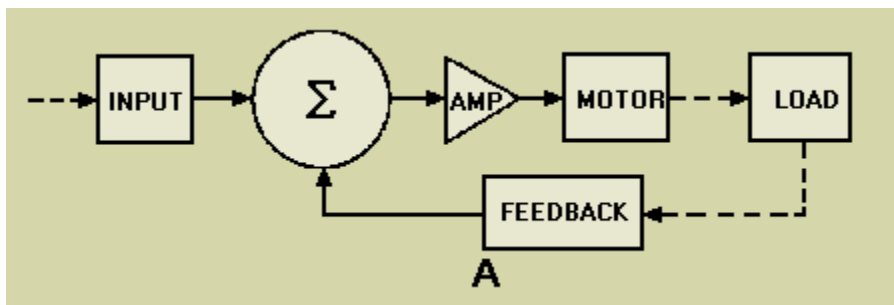




SIMPLE SERVO SYSTEM BLOCK DIAGRAM

Figure 2-3, view A, is a block diagram of a closed-loop position servo. Note the Greek letter Sigma (Σ), meaning summation (AKA the Controller), surrounded by a circle.

Figure 2-3A. - Block diagram of a position servo.



This is the summation, or "sum point" where the input signal, and the response signal (feedback) are summed to produce the error signal. The driven motor will perform in accordance with the commanded velocity, and is continuously corrected via the feedback loop;

MIDWEST MOTION PRODUCTS
*Design, Manufacturing & Distribution – Motion Control
Equipment*
10761 Ahern Avenue S. E. Watertown, MN. 55388
Phone: 952-955-2626 e-Fax: 480-247-4096
www.midwestmotion.com email: sales@midwestmotion.com