



APPLICATION SUMMARY

In certain applications, such as winding material onto a spool at constant tension, it is necessary for the servo motor to have a torque output based upon a torque sensor signal. To compensate for frictional losses in the servo motor and mechanical components and change in torque due to motor rotational speed a torque sensor is necessary to provide closed loop control. To accomplish this a reaction torque sensor is placed between the servo motor and its mounting location to measure generated torque.

PRODUCTS IN USE

1 TFF500 Reaction Torque Sensor paired with Instrumentation (IAA Series or IDA100).

All FUTEK application illustrations are strictly conceptual. Please contact us with questions.