



**APPLICATION SUMMARY**

In certain applications, like managing constant tension while winding material onto a spool, it is necessary for the servo motor to generate a fixed amount of torque. Frictional loss and motor speed change necessitate the inclusion of a closed loop control system. To accomplish this, place a reaction torque sensor between the servo gearbox and its mounting location to measure the generated torque.

**PRODUCTS IN USE**

FUTEK's TFF500 Reaction Torque Sensor with Thru Hole Center paired with an IAA Series Analog Amplifier.

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

**Sensor Solution Source**

Load · Torque · Pressure · Multi Axis · Calibration · Instruments · Software

[www.futek.com](http://www.futek.com)



**SCIGATE AUTOMATION (S) PTE LTD**

No.1 Bukit Batok Street 22 #01-01 Singapore 659592  
 Tel: (65) 6561 0488 Fax: (65) 6562 0588  
 Email: [sales@scigate.com.sg](mailto:sales@scigate.com.sg) Web: [www.scigate.com.sg](http://www.scigate.com.sg)  
 Business Hours: Monday - Friday 8.30am - 6.15pm



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