



MACRON DYNAMICS, INC.

PRODUCT
Datasheet

TENSIONING TOOL

PART NO.

#399 - 25 (For 12 & 25mm)

#399 - 50 (For 50mm)

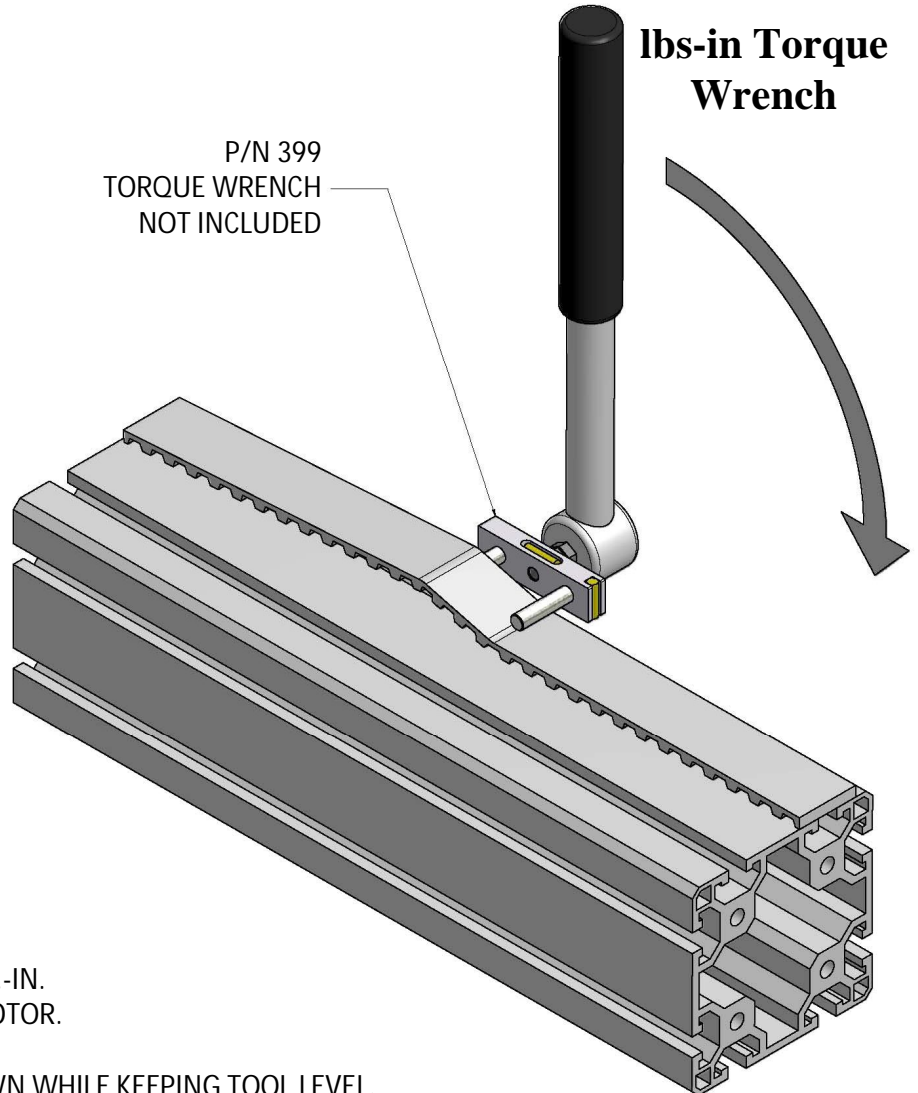
DESCRIPTION

Used in conjunction with Pound Inch Torque Wrench

TORQUE WRENCH

PART NO.

#397 - 25 - 250 lbs-in



1. SET TORQUE WRENCH TO SPECIFIED LBS.-IN.
2. SLIDE CART TO END FARTHEST FROM MOTOR.
3. PLACE TOOL IN CENTER OF BELT SPAN.
4. TURN WRENCH IN THE DIRECTION SHOWN WHILE KEEPING TOOL LEVEL.
5. LEVEL BUBBLE SHOULD BE BETWEEN THE LINES WHEN TORQUE WRENCH READS SPECIFIED LBS.-IN.
6. IF BUBBLE IS NOT BETWEEN THE LINES, ADJUST BELT TENSIONER SCREWS UNTIL TOOL READS LEVEL.
7. REPEAT STEPS 1-5 TO CHECK ACCURACY.

*NOTE: IF ACTUATOR IS NOT MOUNTED TO A LEVEL SURFACE,
DISREGARD BUBBLE, TOOL SHOULD BE PARALLEL TO ACTUATOR BODY.

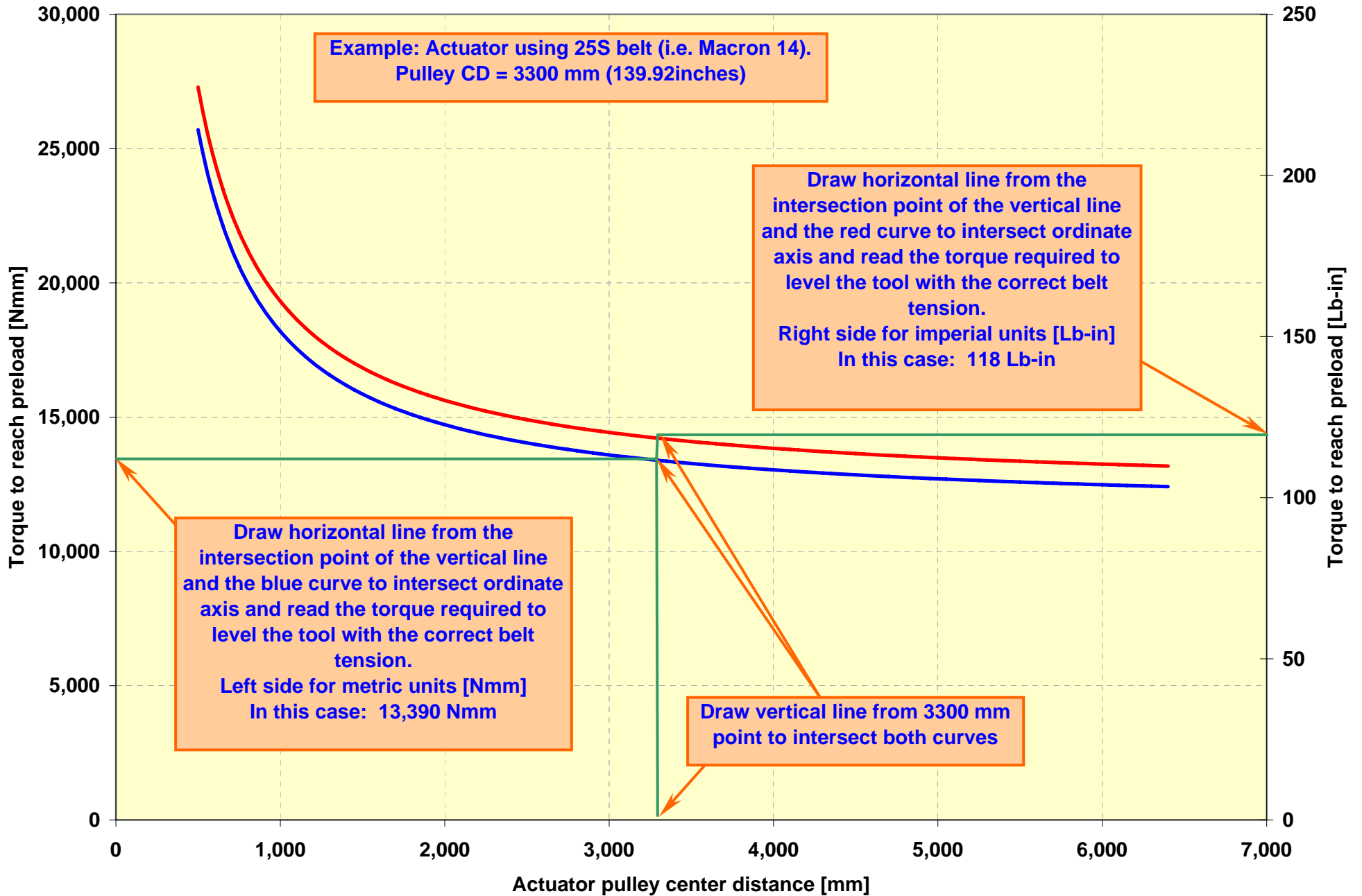
MACRON DYNAMICS, INC.
100 Phyllis Drive
Croydon, PA 19021

P: 215-443-8888
F: 215-443-0981
macron@macrondynamics.com

www.macrondynamics.com

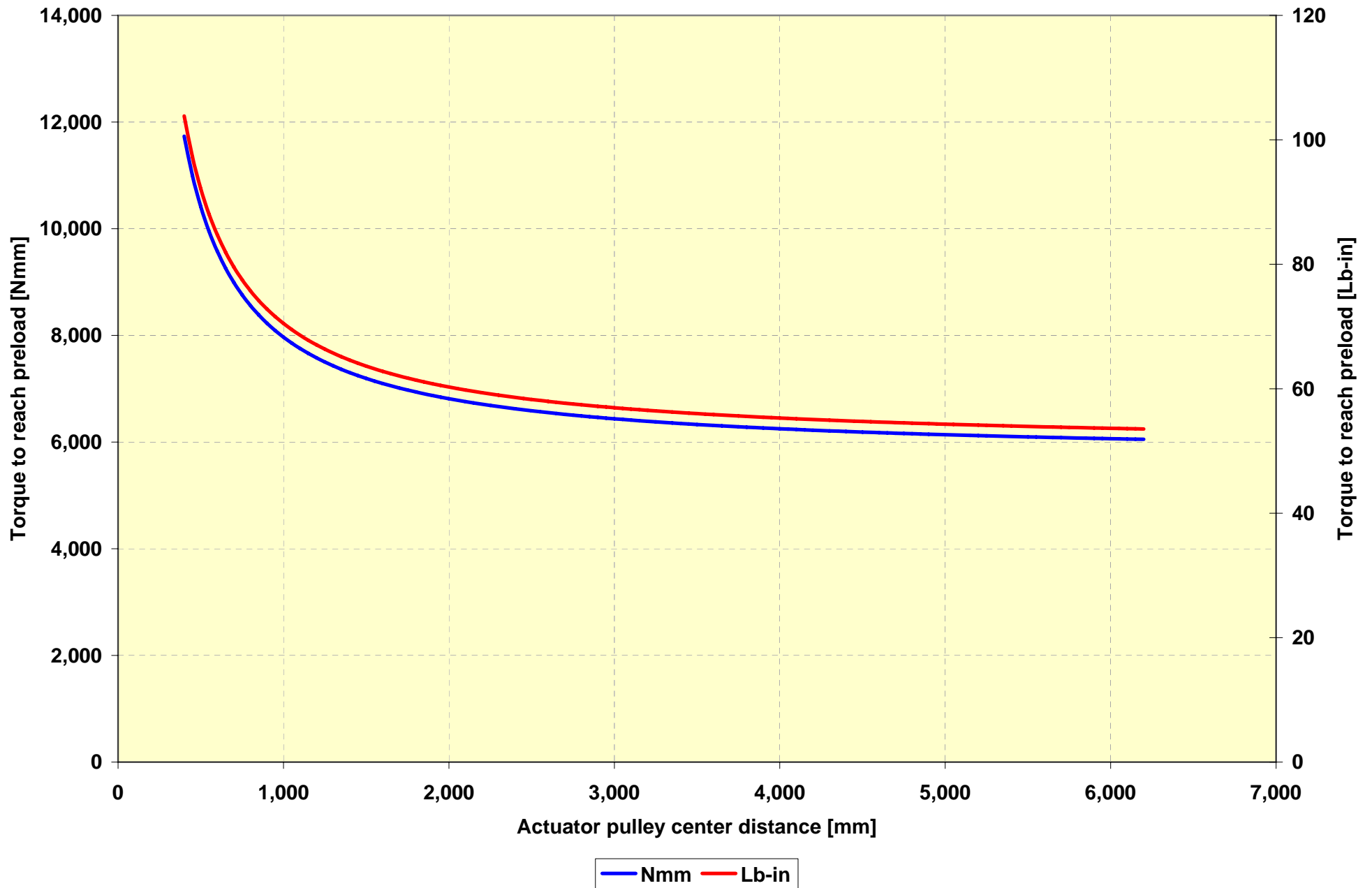
Rev 00

Actuators using 25S belt - torque to verify belt pre-tension

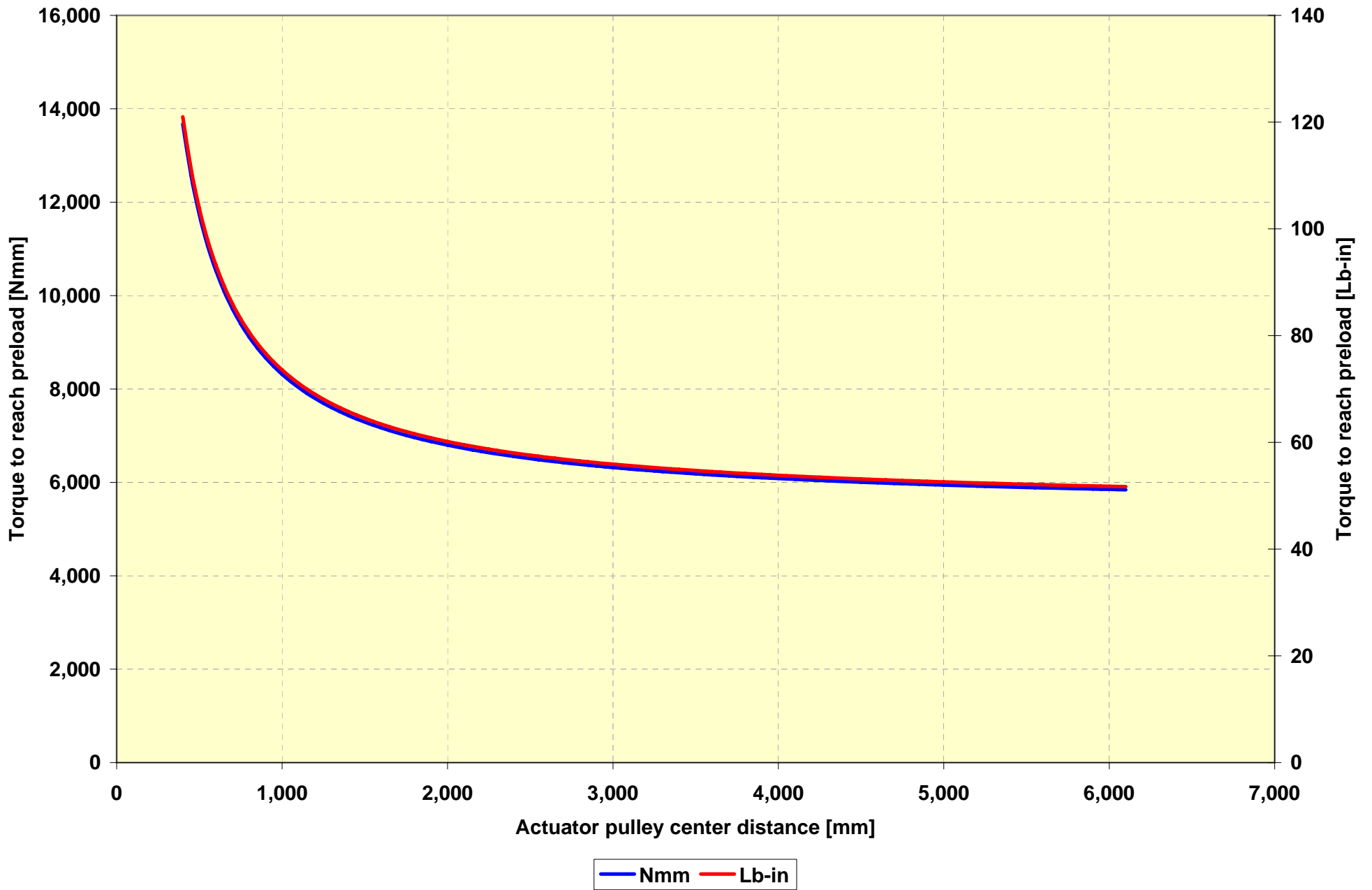


— Nmm — Lb-in

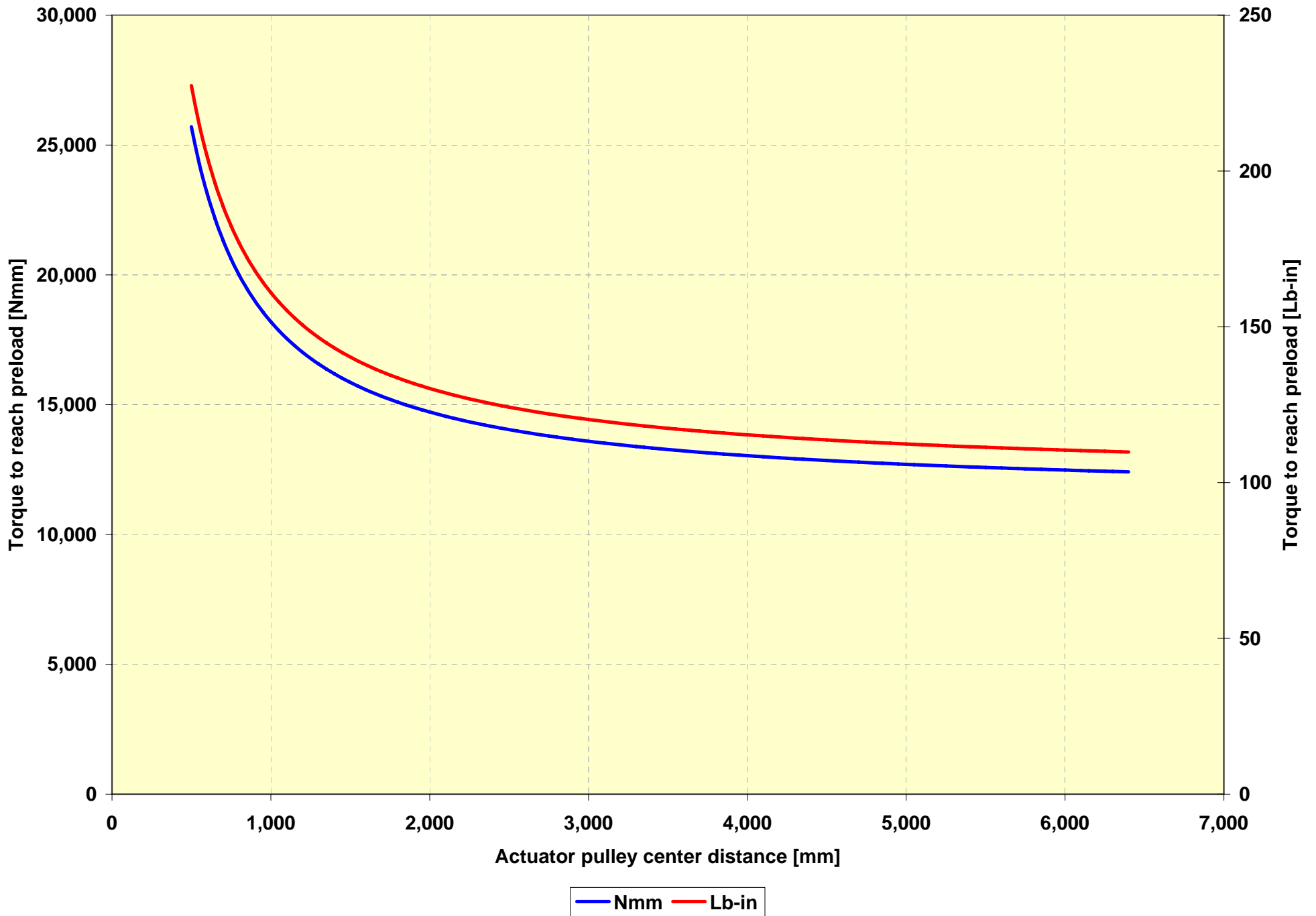
Actuators using 12S (clear) belt - torque to verify belt pre-tension



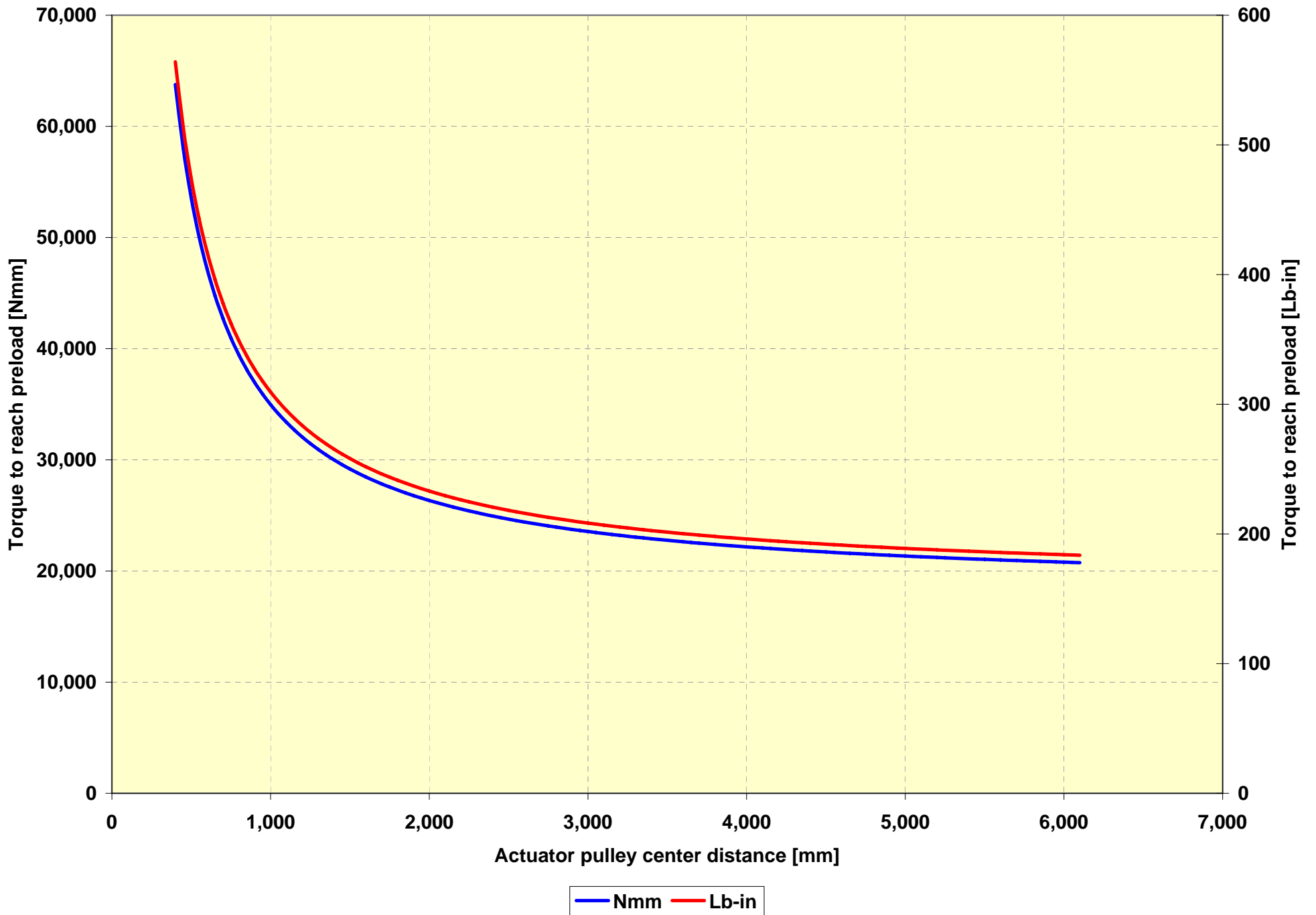
Actuators using 12H (white) belt - torque to verify belt pre-tension



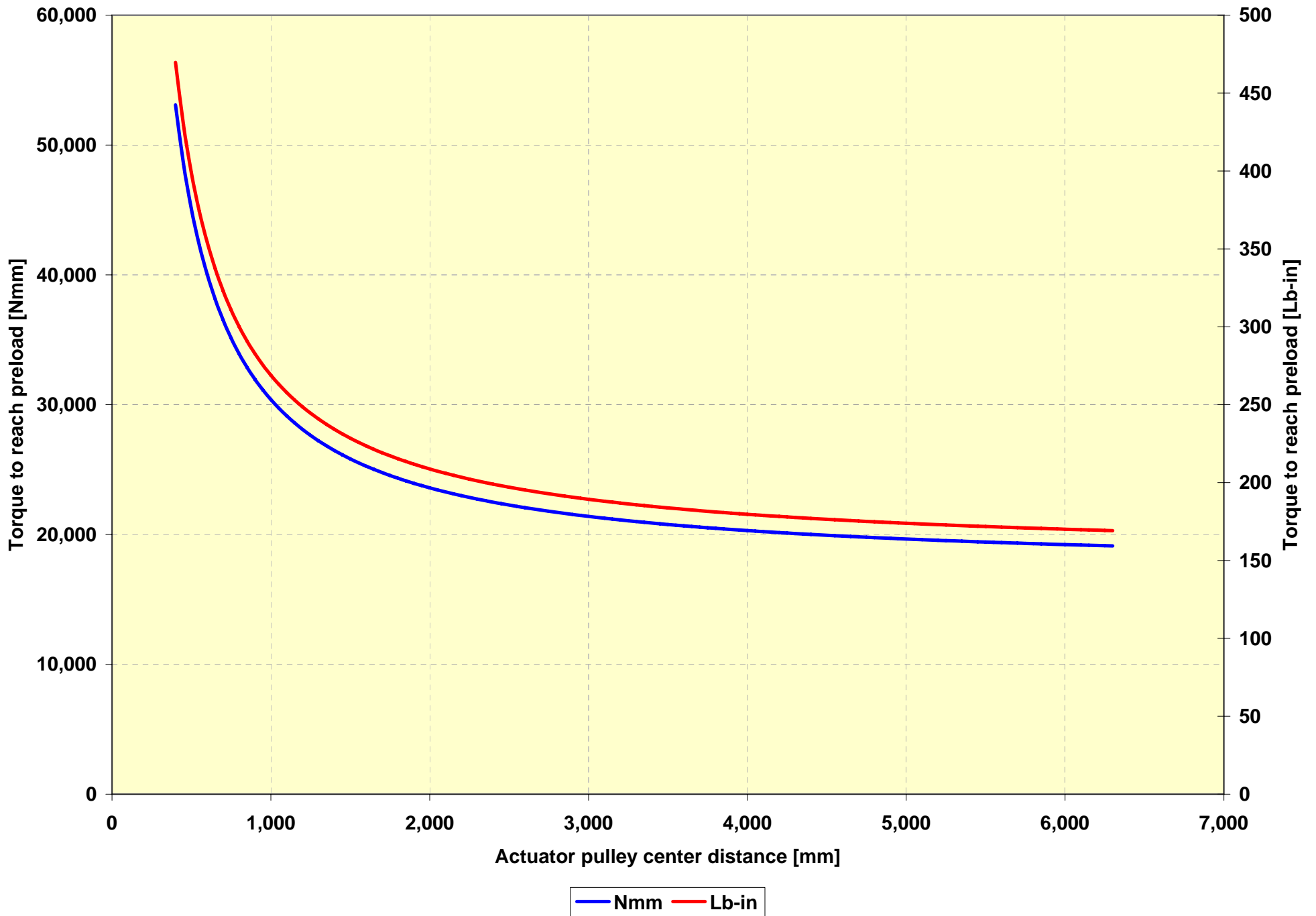
Actuators using 25S (clear) belt - torque to verify belt pre-tension



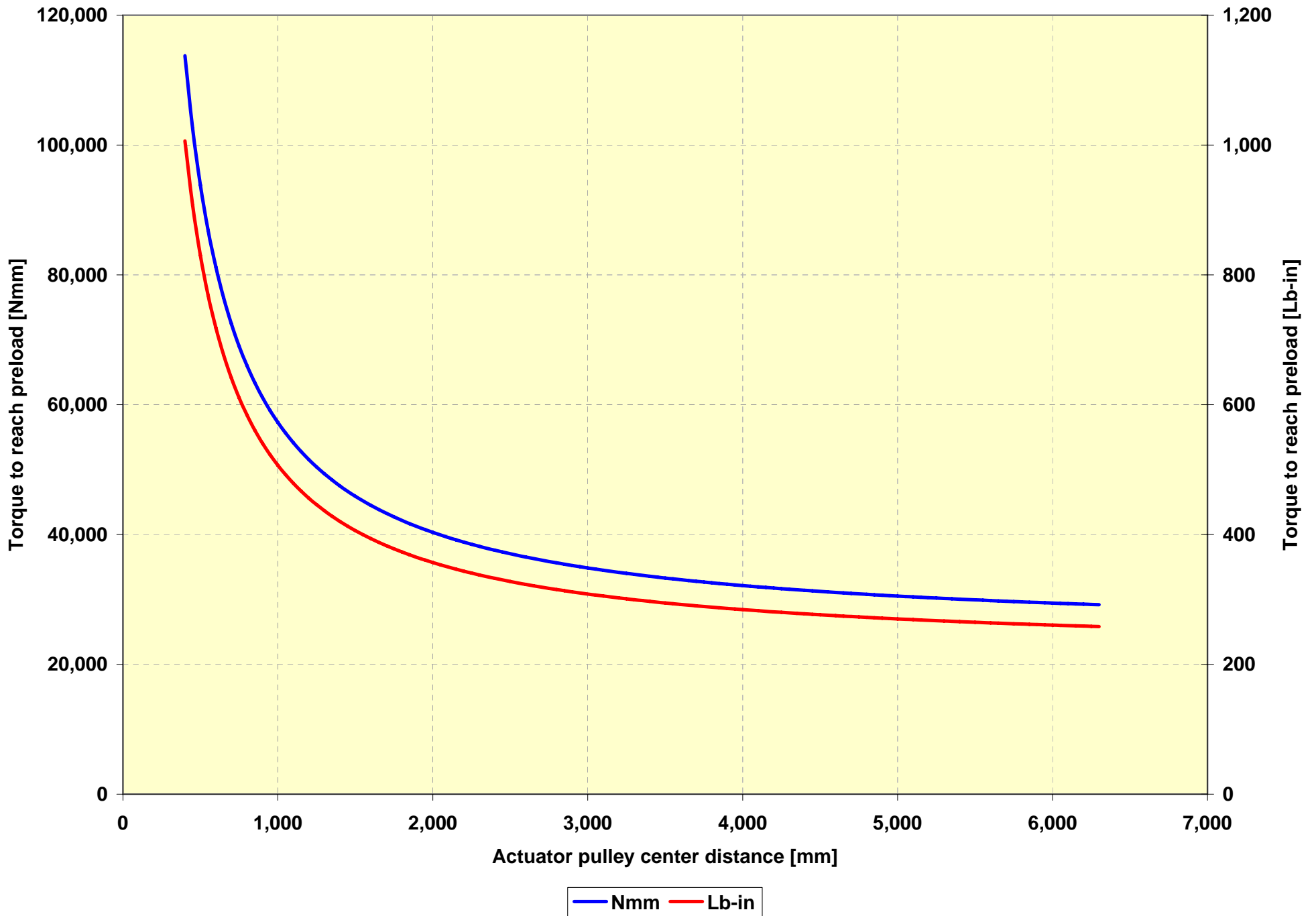
Actuators using 25H (white) belt - torque to verify belt pre-tension



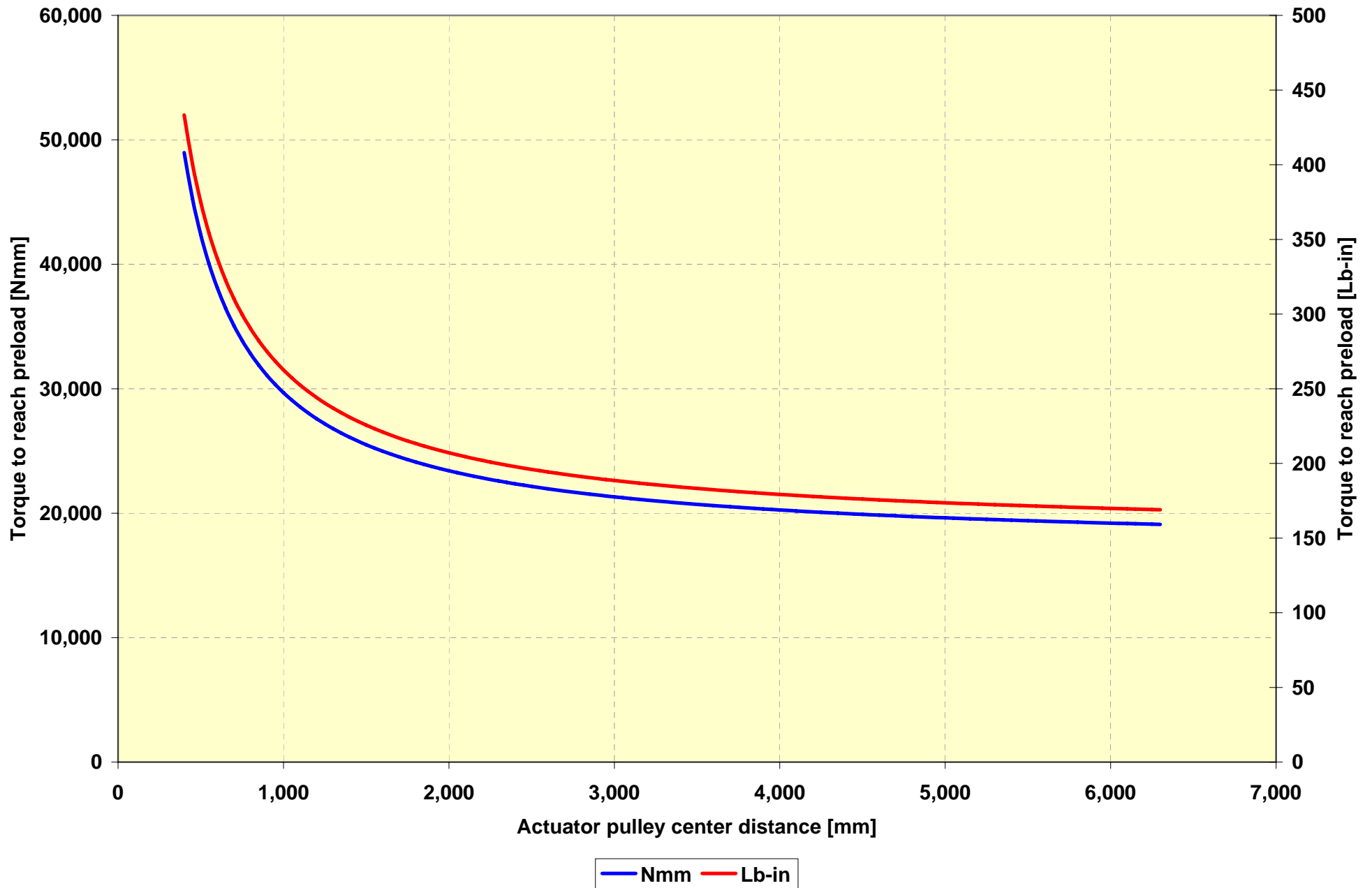
Actuators using 50S (clear) belt - 40 pulley - torque to verify belt pre-tension



Actuators using 50H (white) belt - 40 pulley - torque to verify belt pre-tension



Actuators using 50S (clear) belt - 80 pulley - torque to verify belt pre-tension



Actuators using 50H (white) belt - 80 pulley - torque to verify belt pre-tension

