

GSA-HT GUIDED SCREW-DRIVE ACTATOR

The HT option on the GSA (pictured below) is a high torque variation that is ideal for higher force applications. This option allows for roller screws to be utilized along with a higher torque transmission motor mount design.

Yellow background =
HT ONLY FEATURES

INTERNAL BUMPERS *Protects hardware*

Bumpers protect the screw and nut assembly from damage at both ends of stroke

MULTIPLE SCREW TECHNOLOGIES

You can choose:

Solid nuts of bronze or engineered resins offer quiet performance at the lowest cost; anti-backlash available

Ball nuts offer efficiency at a cost effective price; low-backlash available

Roller screws provide the highest force and life ratings available



MOTOR ORIENTATION

You can choose:

Inline option directly couples the driving shaft and is typically a one-piece housing construction for optimum alignment and support of the motor

Reverse-parallel option minimizes the overall length, coupling motor and driving shaft via a belt with a 1:1 or 2:1 reduction ratio

YOUR MOTOR HERE *You can choose:*

Specify the device to be installed and actuator ships with proper mounting hardware

Specify and ship your device to Tolomatic for factory installation

Motor supplied and installed by Tolomatic

SCREW SUPPORT BEARINGS *For precision and long life*

Unique high thrust bearing assembly design eliminates runout and isolates the linear forces for the drive shaft

GREASE ZERK *Convenient lubrication without disassembly*

This relubrication system provides extended screw service life

Standard with all HT actuators

STEEL THRUST TUBE and TOOLING PLATE *For strength and life*

Salt bath nitride treatment provides excellent protection from many chemicals

