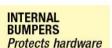
# **GSA-HT** GUIDED SCREW-DRIVE ACTATOR

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.





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



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

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