

Servo Gears

Gears Used in Servo Systems (with servo and stepper motors)

Currently most commonly the word SERVO is used as an adjective to describe mechanical, electromechanical and electronic devices amplifying an input signal to perform some motion, having feedback from the actual position, process to the device controlling the motion / process.

Servo Gear – as torque Booster increasing the input torque – satisfy part of the SERVO definition by “amplifying torque”.

Required properties of a Servo gear

- Light-weight (High Torque Density)
- Low backlash / low lost motion
- High-speed input
- High efficiency
- Easy and reliable connection to a wide variety of servo motors