



ASCA servo screw – unique power density for automation

The ASCA servo screw is based on the PWG planetary roller screw design principle. This new screw technology converts the rotary motion of a motor directly into linear motion.

The dimensions of the ASCA servo screw can be extremely compact in form considering the force achieved. Because the reduction of a planetary gear unit is part of its functionality, the motor connection can be made directly without additional gears.

With its compact size and the potential for reaching very high forces and rapid motion with small motors, the ASCA servo screw follows the trend in mechatronics towards compact, efficient solutions.