



## AG3400 | Economy planetary gear units with output flange

The planetary gear units with output flange in the AG3400 economy series are a cost-efficient alternative to our high-end AG2400 gears. The gears, which are available in single-stage and dual-stage versions, are compatible in their mating dimensions with those of the high-end AG2400 series and enable the user to implement applications with lower demands on dynamics, torque and accuracy in a very cost-effective manner. The AG3400 series is available in standard and high-torque versions for AM8000 and AM8500 servomotors. The gear ratios are finely scalable and range from 3 to 100.

### Features

- equipped with output flange
- standard version for applications with high positioning accuracy in dynamic cyclical operation; high-torque version for high-torque applications
- 5 sizes with up to 21 gear ratios
- acceleration torques from 18 to 640 Nm
- high efficiency and high power density
- high radial and axial forces with low torsional backlash
- lubricated for life
- IP 64 protection rating; any installation position
- integrated into TC Motion Designer for optimal specification

Technical data	AG3400
Type of gear	planetary gear
Variant	standard MF
Life span	> 20,000 h
Coating/surface	RAL7016 (grey)
Ambient temperature	-15...+40 °C
Lubrication	lubricated for life
Installation position	variable
Protection class	IP 64
Mechanically compatible with	flange code F (typical combination according to specifications)

Options	AG3400
Feather key groove	according to DIN 6885 P1
Design form	planetary gear with output flange
Sizes	5 sizes (LP050, LP070, LP090, LP120, LP155)
Gear ratios	up to 21 gear ratios