

# Planetary Gearbox

## High Precision Planetary Gearbox PS



- **Supports All Series of Delta Servo Motors**
- **Provides Concentric and Right-Angle Models**
- **High Precision**
  - Backlash for concentric 1-stage gearbox is under 3 arcmin
  - Backlash for right angle 1-stage gearbox is under 4 arcmin
- **High Input Speed**
  - Input speed allows for 5,000rpm
- **High Torque**
  - Helical gear design offers higher output torque in comparison with spur gearbox
- **High Efficiency**
  - Efficiency for 1-stage model exceeds 97%
  - Efficiency for 2-stage model exceeds 94%
- **Low Noise**
  - Under 65 dB
- **Lifetime Lubrication**
  - IP65-rated sealed design avoids leakage problems and requires no maintenance during the product's lifetime

## Precision Planetary Gearbox PA



- **Supports All Series of Delta Servo Motors**
- **Provides Concentric Models**
- **High Rigidity and High Torque**
  - Employs uncaged needle roller bearings with a set design
  - Includes ring teeth, gearbox, and helical gears for high rigidity and output torque
- **High Precision**
  - Backlash for 1-stage gearbox is under 8 arcmin
  - Backlash for 2-stage gearbox is under 12 arcmin
- **High Efficiency**
  - Efficiency for 1-stage model exceeds 95%
  - Efficiency for 2-stage model exceeds 92%
- **Low Noise**
  - Uses helical gears capable of meshing to ensure smooth and quiet operation
- **Lifetime Lubrication**
  - IP65-rated sealed design avoids leakage problems and requires no maintenance during the product's lifetime