P series gear units overview:

- Modular design realizes variable combination.
- Housing is made of cast iron, which improve its rigidity and anti-vibration.
- Sun and planet gears are processed by cementite and hardening, gears are processed by grinding, which improve the efficiency and lifetime of gear units.
- Input mode: coaxial input, helical gear input, bevel-helical gear input.
- Output mode: internal involute spline, hollow shaft with shrink disk, external involute spline, solid shaft with flat key.
- Mounting mode: horizontal vertical, torque-arm.
- P series sizes 9-34, transmission stage: 2, 3, ratio: 25-4000, ratio will be larger in combination with R, K series.

P series model expressing example:

Basic type illustration:
Compact motor mode illustration:

P  3  N  A  18-140 - Y  45 - B5 - 99

- Planetary gear units
- Gear unit size
- Motor code
- Mounting position

Planetary gear units stage (2 or 3)

A, B, C, D

Ratio

Motor power

Symbols of add-on pieces

Motor-flange mode illustration:

P  3  N  A  18-140 - F  315 - B3 - 76

- Planetary gear units
- Gear unit size
- Flange code
- Mounting position

Planetary gear units stage (2 or 3)

A, B, C, D

Ratio

Size of flange

Symbols of add-on pieces