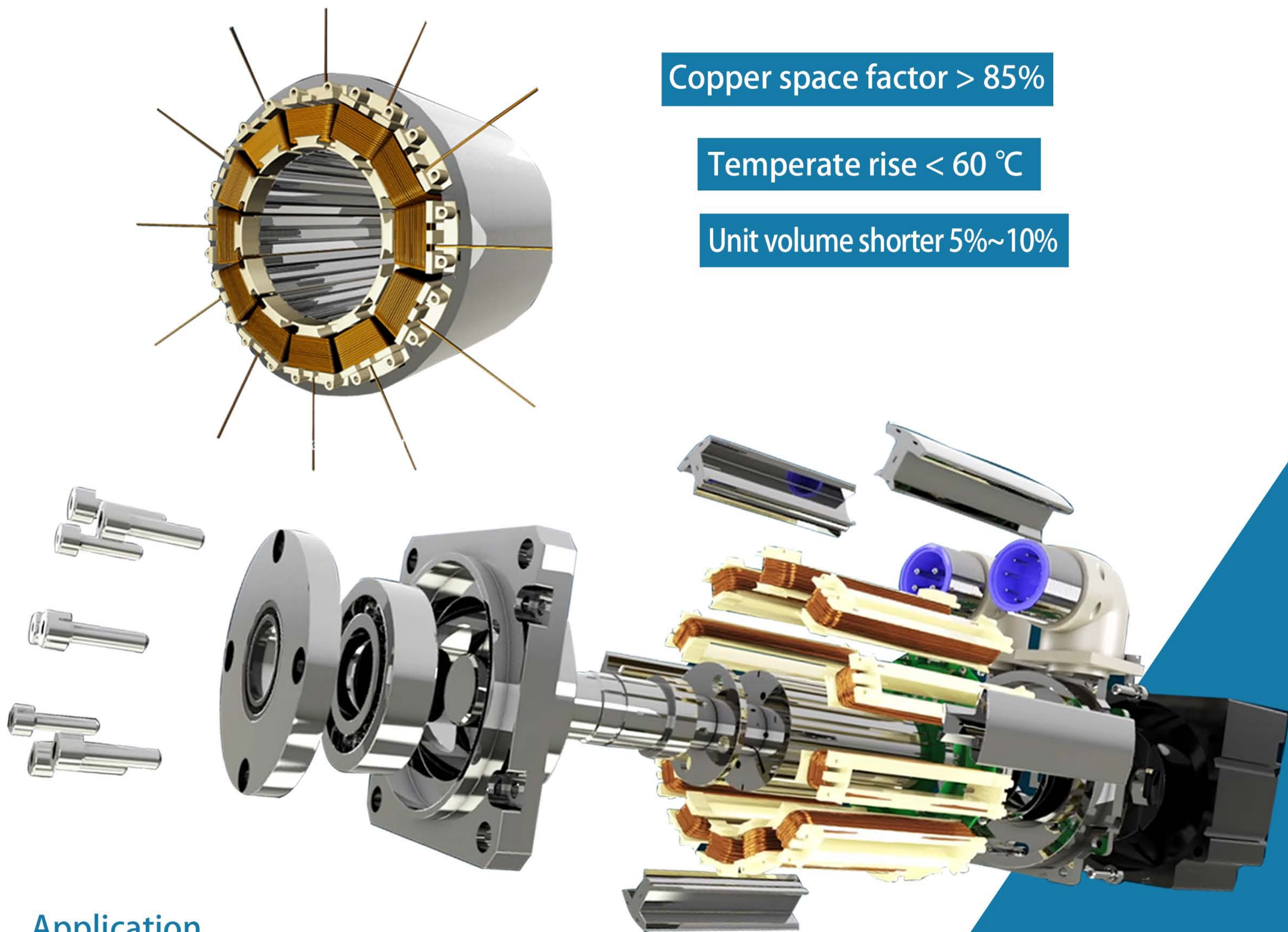


Segment Design advantage:

Copper space factor > 85%

Temperate rise < 60 °C

Unit volume shorter 5%~10%



Application



Logistics Carving Automobile Spinning

THREE TO ONE
合力而为

Motor Category:

BLDC Motor



Hybrid stepper motor



Servo motor



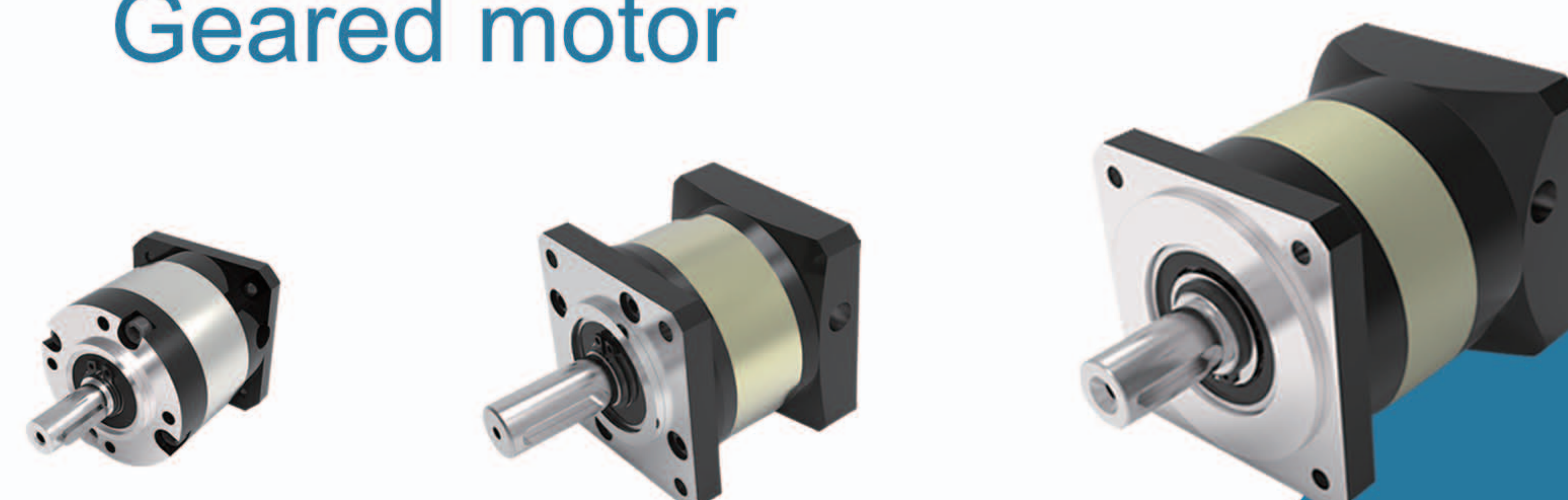
Integrated stepper motor



Roller BLDC motor



Geared motor



THREE TO ONE
合力而为

Servo Motor

Product advantage: High power density, fast response, strong overload capacity, low temperature rise

- ◆ Motor size: 40, 60, 80, 90, 110, 130, 140, 142, 150, 180, 260 Pancake motor
- ◆ Motor torque: 0.16~48N.m
- ◆ Motor Voltage: 12~110VDC, 220VAC, 380VAC
- ◆ Motor Power: 50-11KW



Application area:

Automation, Textile machinery,

Robot, AGV, CNC machinery, Logistics

THREE TO ONE
合力而为

Hybrid Stepper Motor

Product advantage: Low noise, fast response, stable running

- ◆ Motor size: 20, 28, 35, 36, 39, 42, 57, 60, 86, 90, 110
- ◆ Motor torque: 0.6N.m~13N.m
- ◆ Motor Voltage: 12~110VDC
- ◆ Motor step angle: 0.9° , 1.8° , 1.2°



Can drive 4-wire, 8-wire two-phase stepper moto
Voltage range: 20-80VAC, 30-112VDC
Max current: 8.2A
Resolution ratio: 0.1A (Min current: 1.0A)
Support communication protocol: CANopen, Compatible
with most CANOpen on the market

Application area:

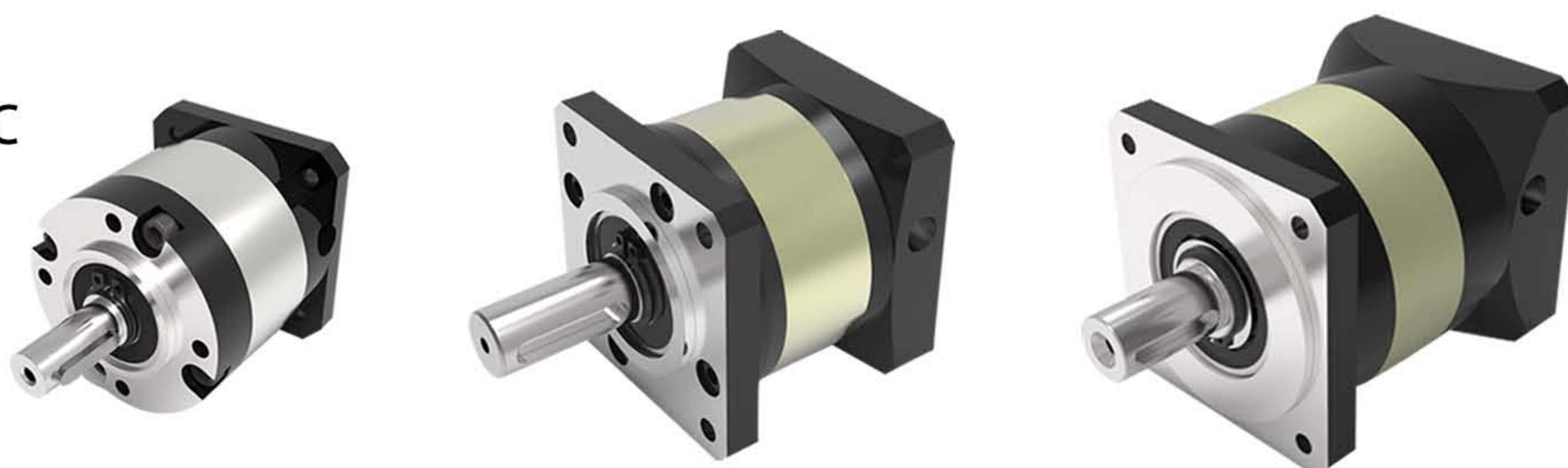
Automation, Textile machinery,
Agricultural machinery, Fire-fighting robot,
AGV, Limelight, Medical machinery

THREE TO ONE
合力而为

Planetary Reducer

Product advantage: high precision, low noise, long life-time,
No maintenance, good match to motor

- ◆ Reducer size: 35, 42, 60, 90
- ◆ Reducer torque: 3~150N.m
- ◆ Return clearance precision: Servo reducer (10~15 arcmin), Stepper (BLDC) reducer (15~20 arcmin)
- ◆ Low noise $\leq 55\text{dB}$
- ◆ Life-time ≥ 20000 小时
- ◆ Working temperature: $-40^{\circ}\text{C} \sim +150^{\circ}\text{C}$
- ◆ Protection level: IP67



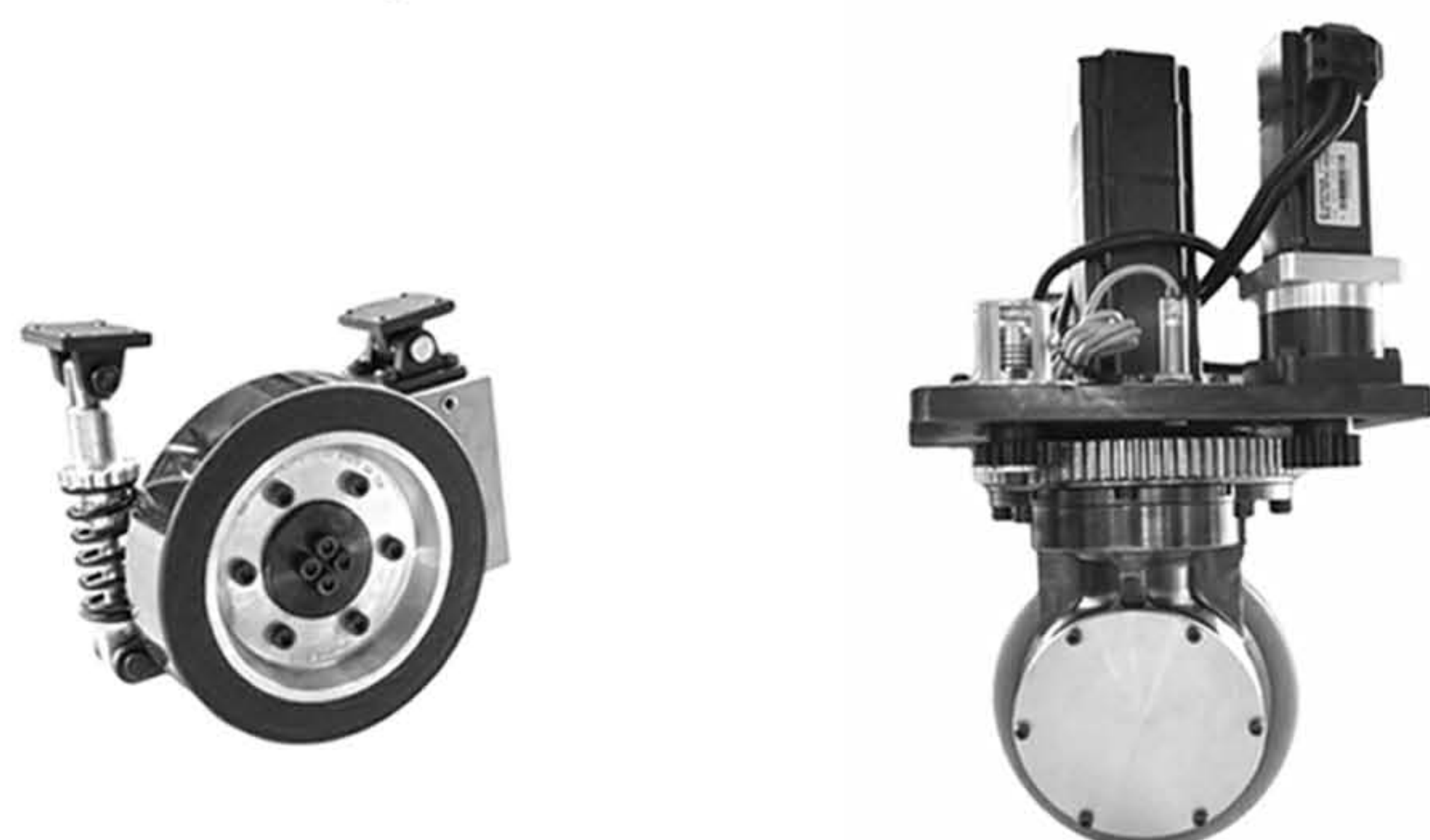
AGV Reducer

Product advantage: high precision, good stability, big output torque,
big overload, long life-time



Fork-lift reducer

Product advantage: Good shock absorption, good stability,
good running precision, Small space ratio



Application area:

Automation, textile machinery, agricultural machinery, intelligent field, fire fighting robot, AGV, stage lighting, engraving machine, etc.

THREE TO ONE
合力而为

Integrated Servo Motor

Product advantage: Space saved, Low temperature rise, Operation easily

- ◆ CANopen, Modbus RS485 and Pulse communication
- ◆ 4 digital input signals that can be customized, supporting PNP/NPN
- ◆ 2 digital output signals that can be customized, supporting PNP/NPN
- ◆ 24-60VDC power supply, built-in 24VDC lock power output



Application area:

Automation, textile machinery, robotics, AGV,
CNC machine tools, engraving machines, etc

THREE TO ONE
合力而为

BLDC Motor

Product advantage: low noise, fast response speed, smooth operation

- ◆ Motor size: 38 50, 67, 80, 108, 113
- ◆ Motor torque: 0.1~80Nm
- ◆ Motor voltage: 24~310VDC, 220VAC
- ◆ Motor power: 5~400W



Application area:

Logistics, transportation etc.

THREE TO ONE
合力而为

BLDC Motor

Product advantage: wide speed range, wide working voltage wide, high efficiency

- ◆ Motor size: 33, 42, 57, 60, 80, 86, 90, 110, 130
- ◆ Motor torque: 0.01~15N.m
- ◆ Motor voltage: DC; 12 VDC~310VDC, AC: 110VAC~220VAC
- ◆ Motor power: 10W~5KW



Application area:

Automobile, automation, Textile machinery,
Medical equipment, Household appliances,
AGV, photovoltaic, fan, pump, etc.

THREE TO ONE
合力而为