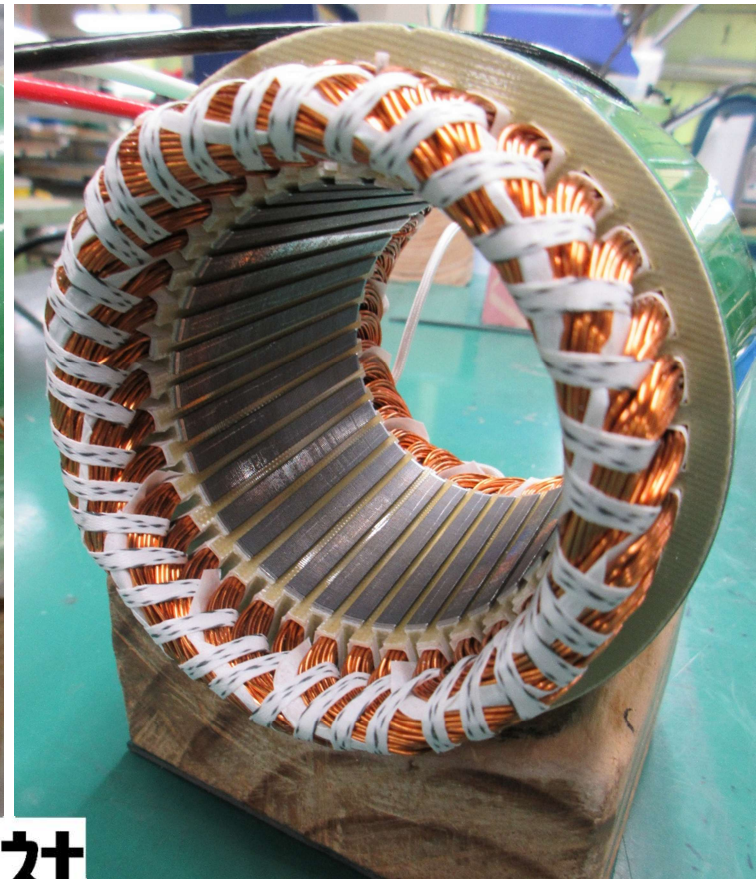
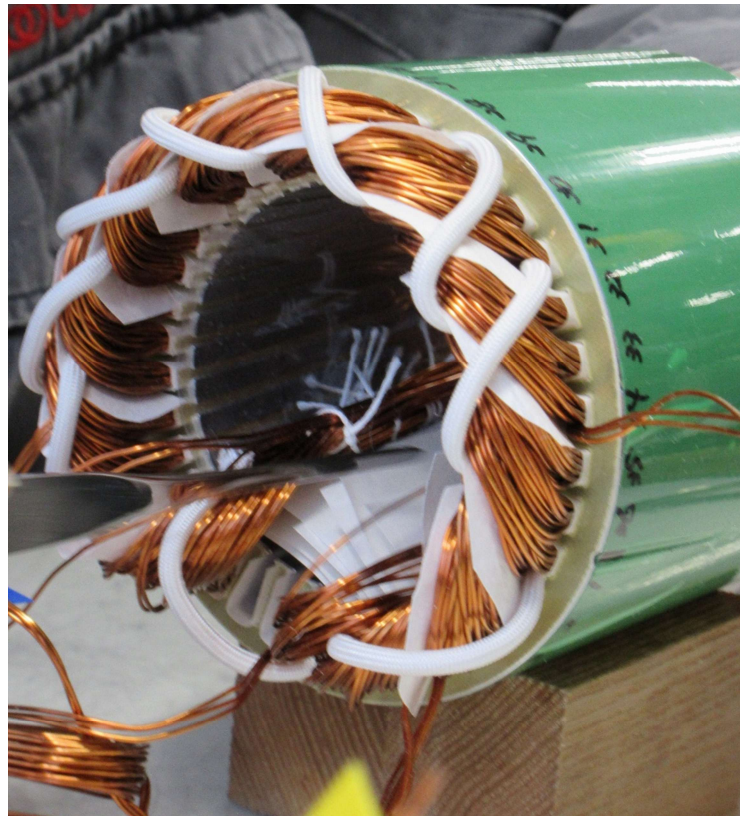
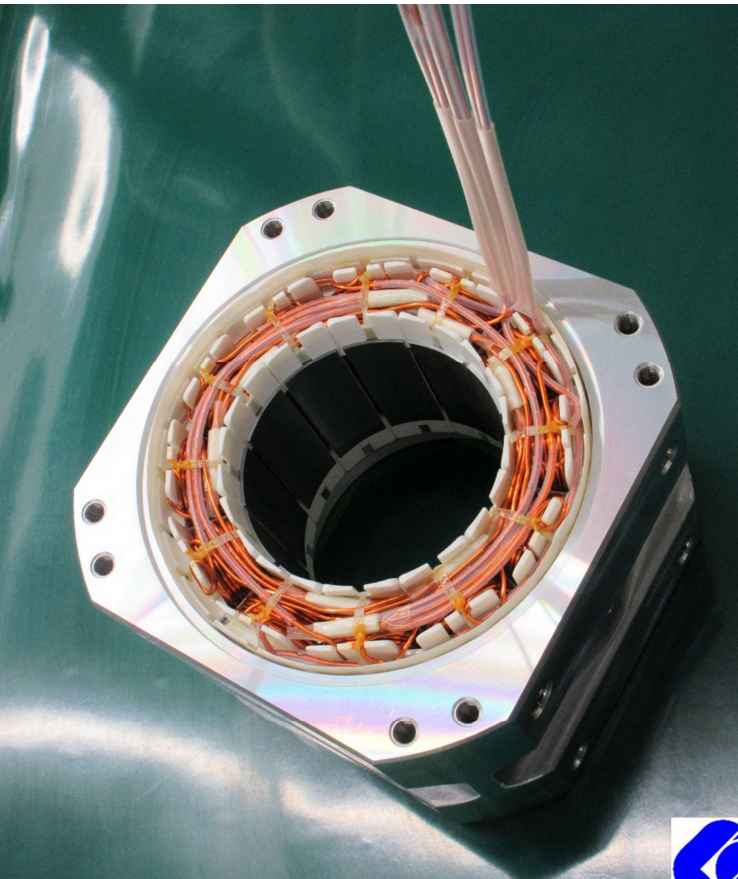




ゴコー電工株式会社

GOKO DENKO

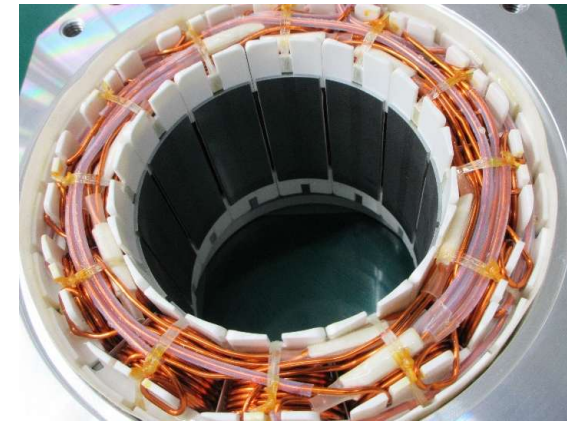
CUSTOMISED MOTORS

What we can do
for you:
R&D Partnership

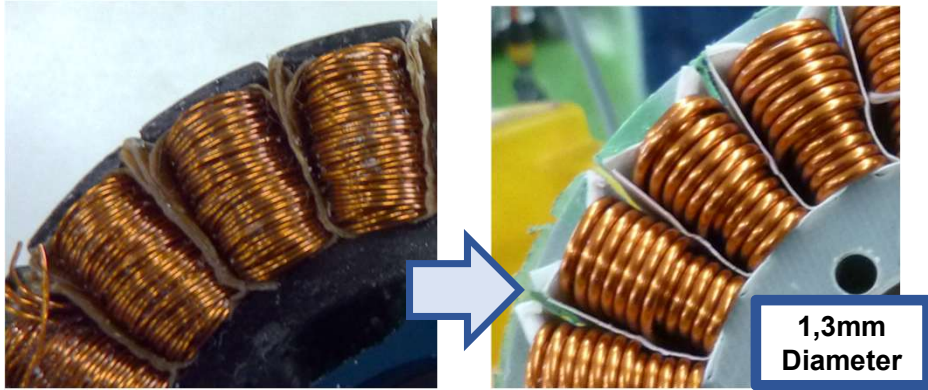
- Prototyping
 - Can order as low as 1 unit
 - Speed: approximately 2 weeks lead time
- Quality assurance
 - Inspection for all manufactured units
- Support from design to manufacturing
 - Specification consultation
 - Winding comparison
 - Magnetic Analysis
- Partnerships with well-known Japanese automobile companies for over 40 years

Our Specialty: Winding

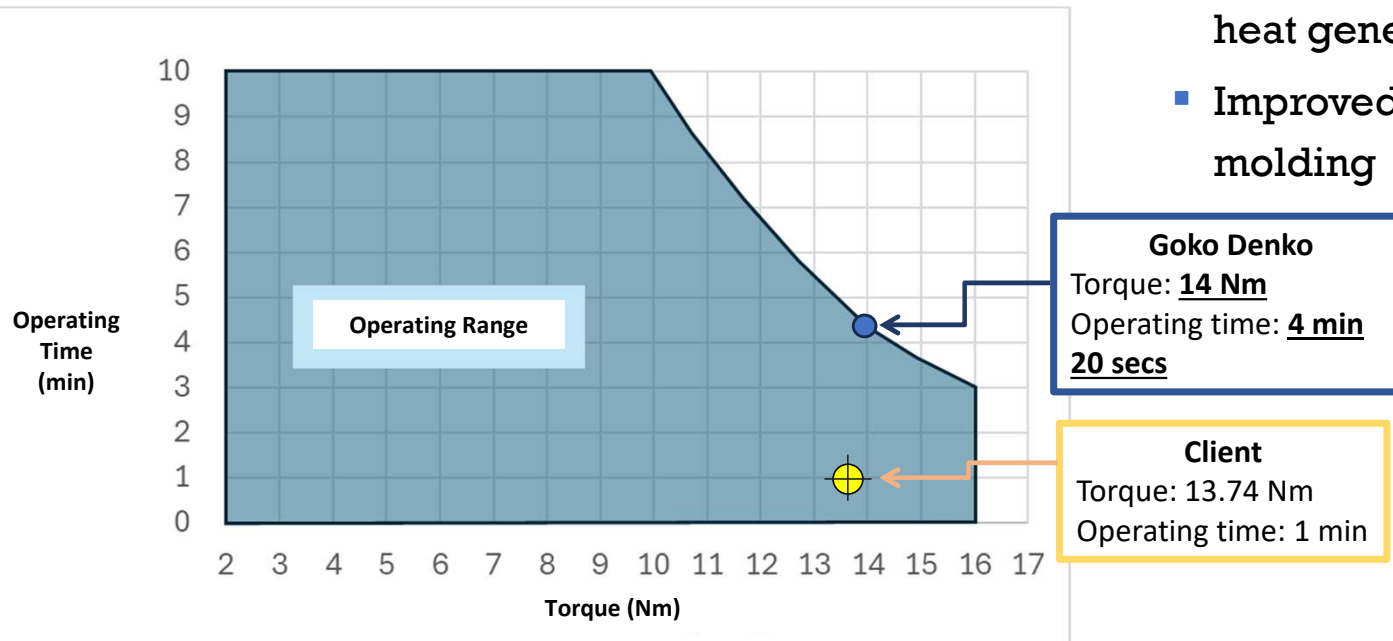
- High slot fill factor
 - Up to 75% with concentrated winding
 - Up to 60% with distributed winding
- Up to 50% coil end factor
- Wire:
 - 0,15mm up to 1,8mm in diameter



Examples of Domestic Client Requests (Prototype/R&D)



- Client A's Concerns:
 - Drone motor overheats and stops after a short time
 - Unable to do high-load and continuous testing
- Goko Denko's Solutions:
 - Thicker wire winding reduces resistance and heat generation
 - Improved cooling performance through resin molding

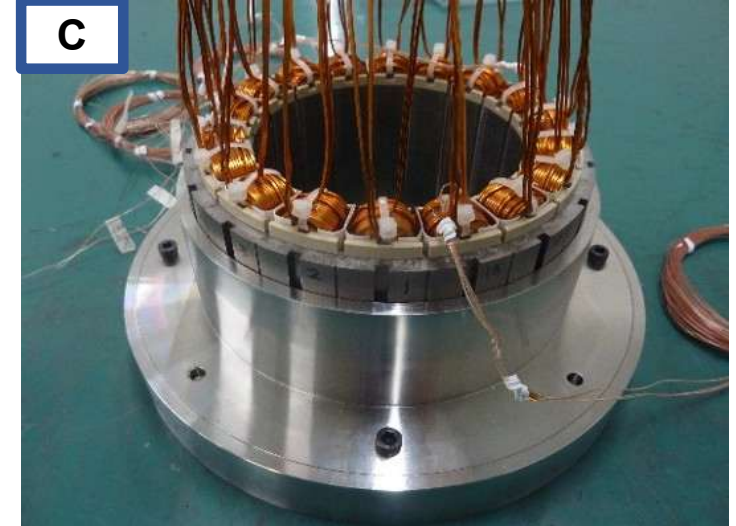


Examples of Domestic Client Requests (Prototype/R&D)

B



C



	B (Automobile)	C (Aerospace)
Product	Stator (All materials provided)	Stator (Partial provision of materials)
Specifications	Thin wire, Parallel winding, Lap winding ⌘0,4 mm Diameter × 36 P × 10 T	Segmented core, Rectangular wire winding, Concentrated winding ⌘ 0,9 mm × 2 P × 34 T
Lead time	2 weeks	
Approx. cost per unit (€)	3550	8300

Environmental Policies

ISO 9001
ISO 14001
BUREAU VERITAS
Certification



JIS Q 9100
BUREAU VERITAS
Certification



- ISO 14001 Certified
- Green Purchasing and Environmental Impact Assessment
- Partial Solar Power Generation
- Compliance with REACH regulations

Why Goko Denko?

- R&D Partnership
- Accommodate as low as 1 unit
 - Prototyping
- Support from design to manufacturing
 - Specification consultation, Winding Comparison, Magnetic Analysis
- Winding with up to 75% fill factor
- Experience in wide range of industries
 - Aerospace, Automobile, Robotics, etc.
- Environmental Regulations (ISO 14001, REACH)

Thank you very much!

ありがとうございました！



[HTTPS://WWW.GOKO-DENKO.CO.JP/EN/](https://www.goko-denko.co.jp/en/)