

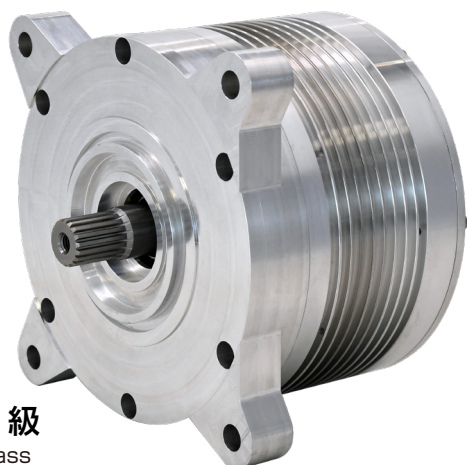
# EV駆動用モータ

EV Drive Motor



## 4輪車（超小型モビリティ）用

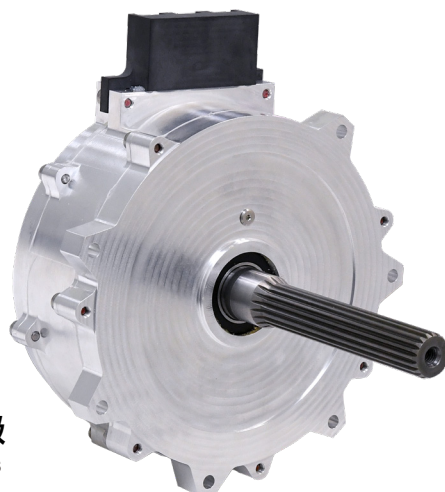
for 4-wheel vehicle (ultra-compact mobility)



2.4kw 級  
2.4kw Class

## 2輪車（125ccクラス）用

for 2-wheel vehicle (125cc class)



4kw 級  
4kw Class

- 高出力密度** High power density = 小さく、軽く、高性能 Small, lightweight, high performance
- 高い効率** High efficiency = より遠く、より長く、少ないエネルギー消費 Farther distance, less energy consumption
- 高い反応性** High reactivity = 高加速、高レスポンス High responsiveness

## 独自のコイル技術

Original Coil Technology

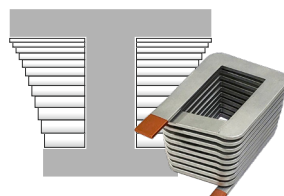
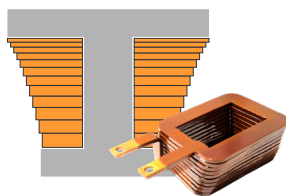
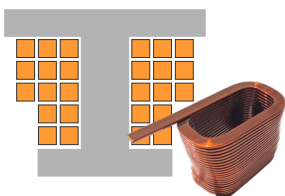
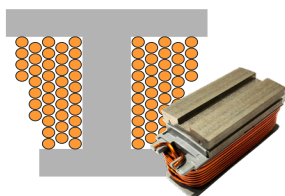
丸線コイル  
Round Wire Coil

角線コイル  
Square Wire Coil

ASTER COIL 銅  
ASTER COIL Copper

ASTER COIL アルミ  
ASTER COIL Aluminum

コイル  
断面図  
Coil  
Cross  
Section



占積率 Space Factor	50%	55%	90%	90%
放熱性 Heat Dissipation	×	×	◎	◎
質量 Weight	○	○	○	◎
リサイクル Recycling	×	×	○	◎
その他 Remarks	巻線時ストレスで絶縁被膜ダメージ Damage to insulating coating due to stress during winding	内側に曲げRが付きコアと密着せず No adherence to the core due to bent radius inside the coil	【放熱】コイル接触面積大（冷却物との組合せ 容易） [Heat dissipation] Large coil contact area (easy combination with cooling object) 【絶縁】巻線時ストレスがなく、絶縁安定性向上 [Insulation] No stress during winding, improved insulation stability	【放熱】コイル接触面積大（冷却物との組合せ 容易） [Heat dissipation] Large coil contact area (easy combination with cooling object) 【絶縁】巻線時ストレスがなく、絶縁安定性向上 [Insulation] No stress during winding, improved insulation stability

形状革新  
Shape innovation

材料革新  
Material innovation

構造革新  
Structural innovation