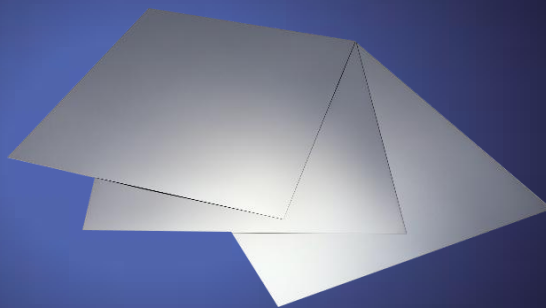


# 铁钴合金 YEP®-2V

Permendur YEP™-2V

通过在马达铁芯上采用高磁通密度软磁性铁钴合金材料实现马达的小型・轻量・高功率化

Soft magnetic alloy with high saturated flux density "permendur" contributes to the realization of a compact, lightweight, high-power motor.



## 概要

## 马达相关技术领域

YEP®-2V是Fe-49Co-2V合金、在软磁材料中具有高饱和磁通密度、对马达和执行器的小型轻量化、高功率化有贡献。

YEP™-2V (Fe-49Co-2V in mass%) has high saturated magnetic flux density, which realizes compact, lightweight, high-power motors and high responsive actuators.

用途

马达铁芯  
Motor core

执行器铁芯  
Actuator core

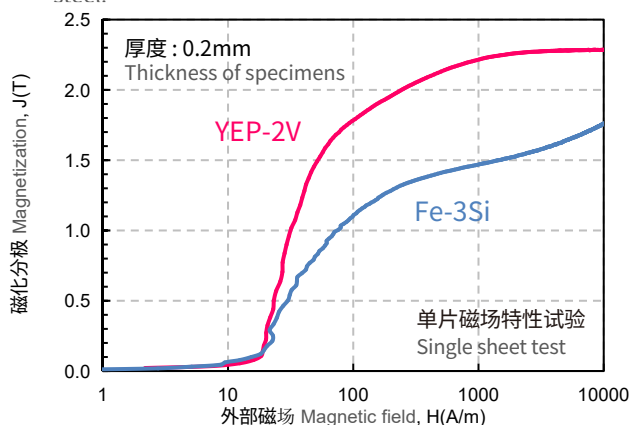
## 特点

### 初始直流磁化曲线

Initial D.C. magnetization curve

#### ■ 相比3%硅钢片更容易磁化

YEP-2V shows higher magnetization than Fe-3mass%Si steel.

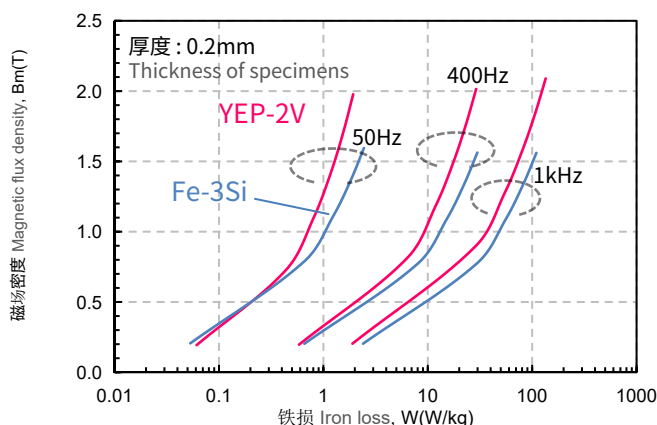


### 铁损特性

Iron loss curve

#### ■ 相比3%硅钢片铁损更低

YEP-2V shows smaller iron loss than Fe-3mass%Si steel.



### 积层铁芯例

Example of laminated core



### 分割铁芯（激光焊接）

Segmented core (laser welding)

