

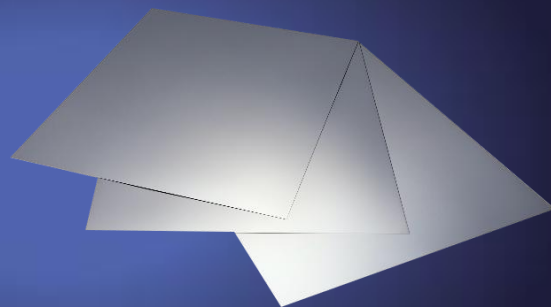


铁钴合金 YEP®-2V

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

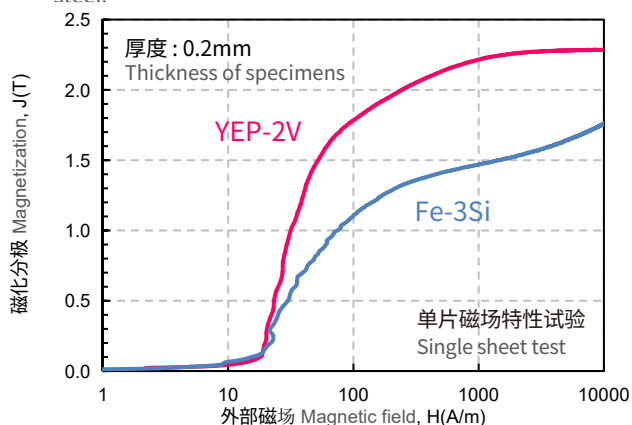
特点

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.

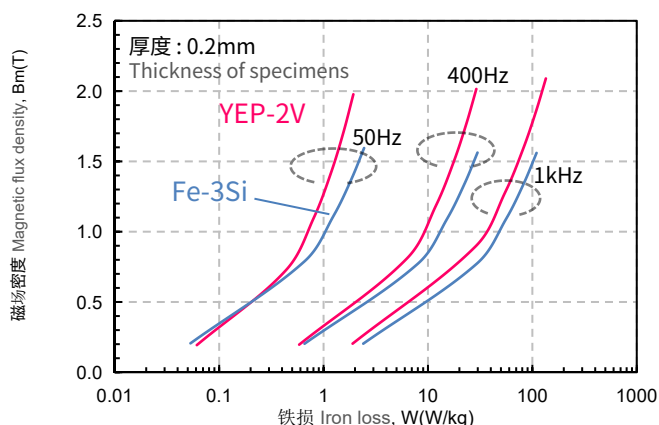


铁损特性

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)

