

电机用磁性楔

Magnetic slot wedge for motor application

通过在插槽开口插入磁性楔
实现高效电机性能
与传统磁性楔相比大幅提高磁导率，强度和耐热性

High-efficiency motor is realized by inserting magnetic slot wedges into the slot opening. Significantly improved magnetic permeability, strength, and heat resistance compared to conventional magnetic wedges.



面向马达的技术特点

概要

本公司高密度粉体加压制成**无树脂**的磁性楔，
与传统的树脂制磁楔相比，磁导率高、强度高、耐热性高，
有助于提高马达效率。

Our resin-less magnetic slot wedges, which are high-density compacted powders, contribute to higher motor efficiency with high magnetic permeability, high strength, and high heat resistance compared to conventional resin magnetic slot wedges.

用途

各种电机

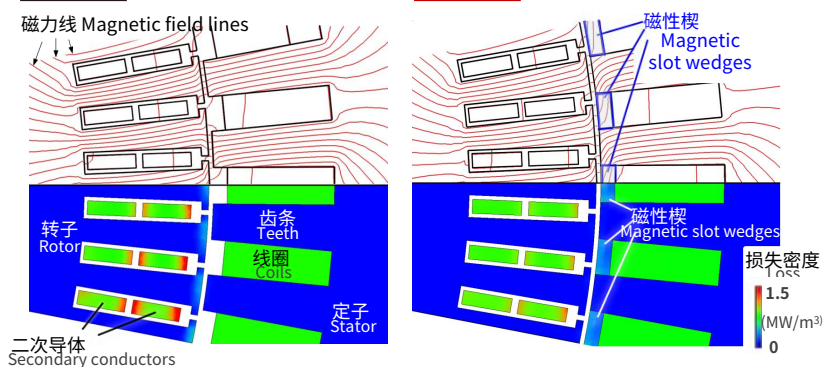
Various motors

特点

使磁通量**分布平缓**，降低转子表面损耗

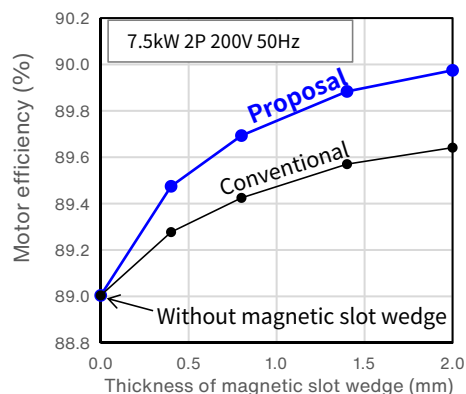
Broadening magnetic flux distribution reduces losses on the rotor surface.

无磁性楔 Without magnetic slot wedges 有磁性楔 With magnetic slot wedges



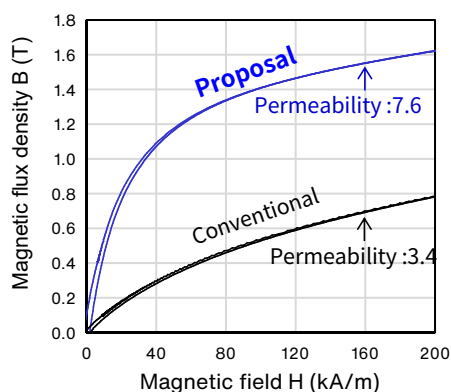
利用磁楔提高马达效率 (电磁场分析)

Simulated motor efficiency.



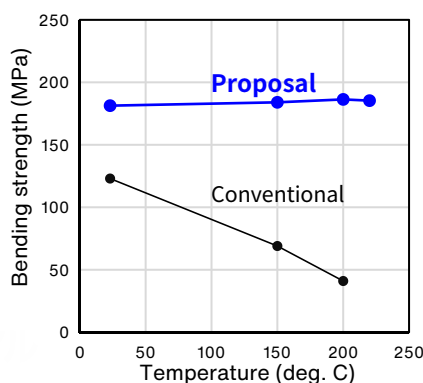
直流磁化曲线

D.C. magnetization curves.



弯曲强度的温度依赖性

Temperature dependence of bending strength.



加热减量

Weight reduction during heating at 290 deg. C.

