

Magnetic Slot Wedge for Motor Application

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.



Outline

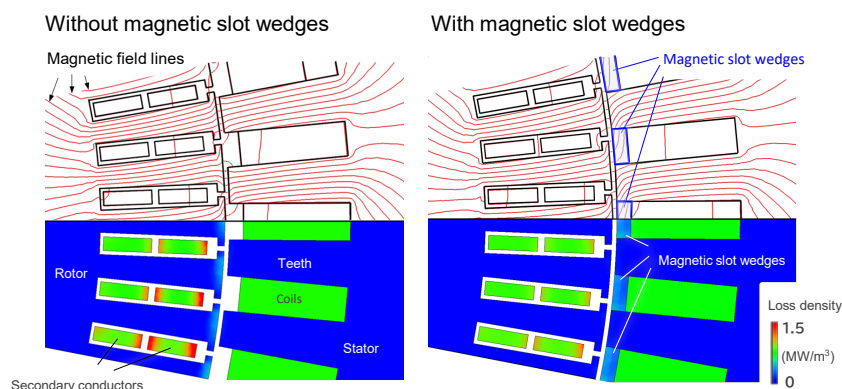
- Our resin-less magnetic slot wedges, which are high-density compacted powders, contribute to higher motor efficiency with high magnetic permeability, strength, and heat resistance compared to conventional resin magnetic slot wedges.

Applications

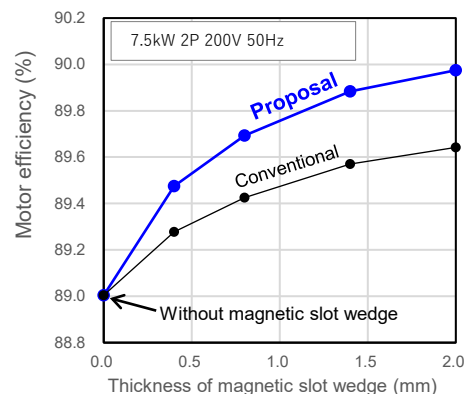
Various motors

Features

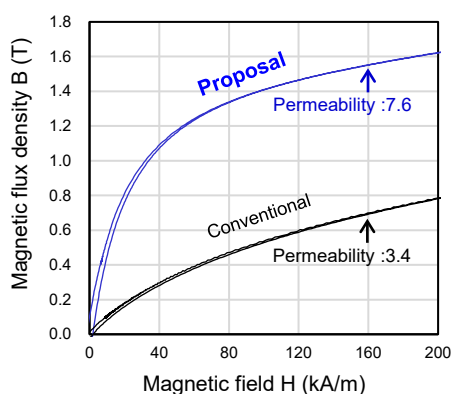
Broadening magnetic flux distribution reduces losses on the rotor surface.



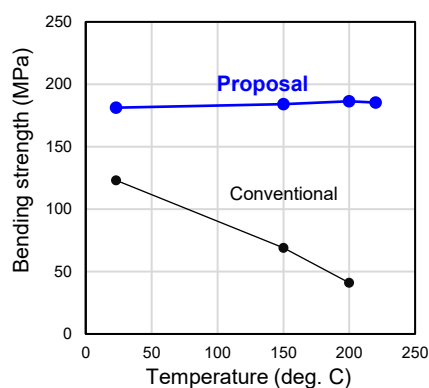
Simulated motor



D.C. magnetization curves.



Temperature dependence of bending strength.



Weight reduction during heating at 290 deg. C.

