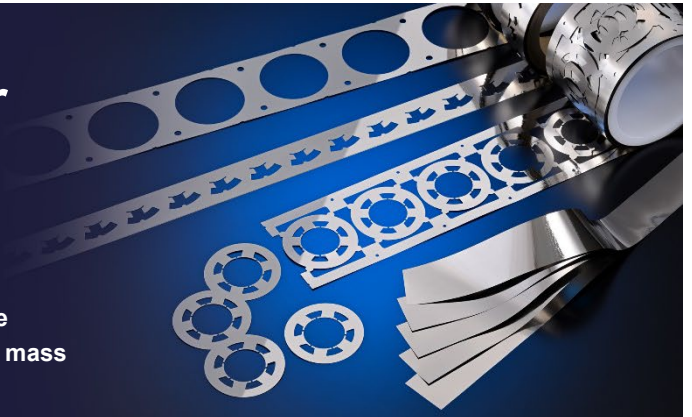


Laminated Amorphous Alloy for Motor Application (Reference Exhibit)

Laminated and bonded amorphous alloy ribbons for motor core applications. Reduces core processing time and contributes to mass production of AM motors.



Outline

The laminated Fe based amorphous alloy can increase the effective thickness while keeping excellent magnetic performance.

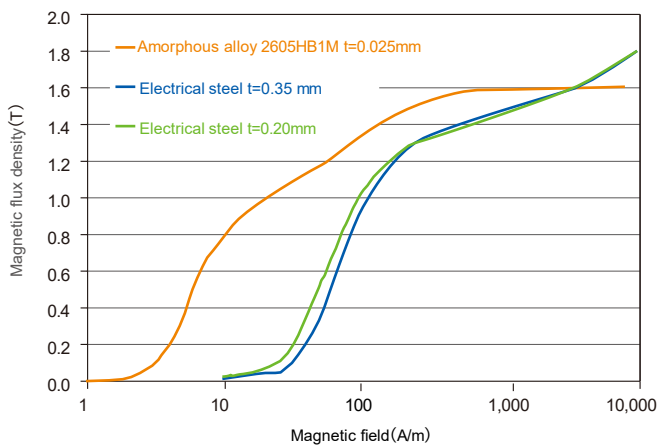
- Packing factor >90% with thin adhesive layer
- Punching process can be N times faster with increased clearance

Applications

Low load, High rotation speed motor

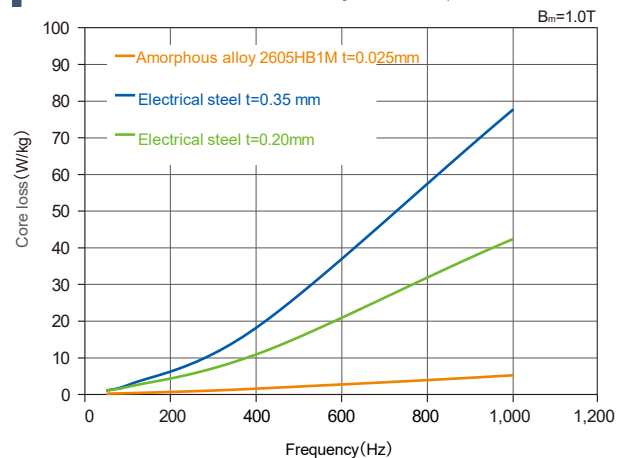
Initial D.C. magnetization curve

Note: Electrical steel sheet data is taken from the catalogue of the relevant product.



Iron loss curve

Note: Electrical steel sheet data is taken from the catalogue of the relevant product.



Features

Properties comparison between amorphous alloy and electrical steel

