

Neodymium (Nd) Sintered Magnet NEOMAX®

Less CO2 emission through higher efficiency of motors with NEOMAX®

- Efficiency of compressor motors for air conditioners increases 10-30% with Neodymium magnet *1
- Hybrid electric vehicles with Neodymium magnets run 80% further with same amount of fuel *2

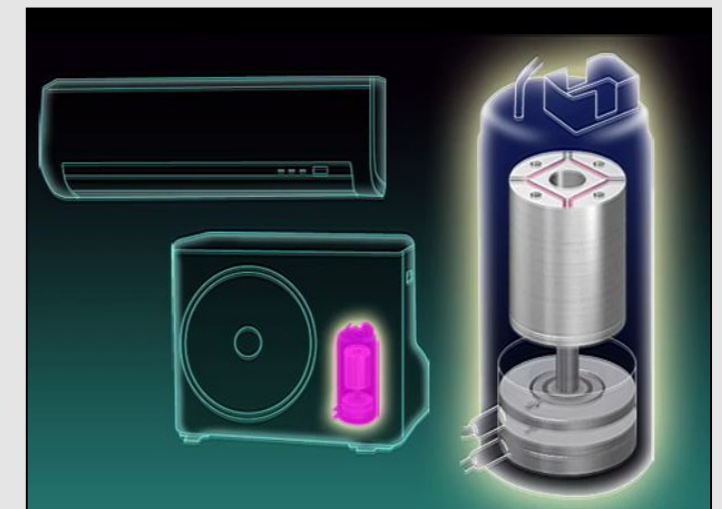
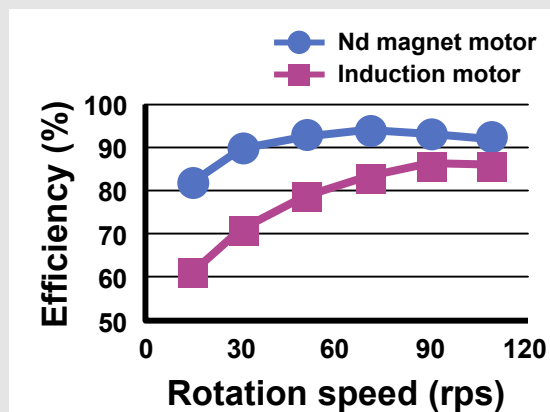
● Feature and Benefits

Efficiency of magnet motor is better than that of induction motor, because of smaller eddy current loss at rotor surface. The strongest magnet available today is which enables a motor more efficient.

*1: IEEJ Transactions on Industry Applications Vol.118-D(1998), No.6 pp.813

*2: Fuel consumption list of automobiles 2007
ministry of Land, infrastructure, Transport and Tourism, Japan

Comparison of compressor motor efficiency *1



Comparison of gas mileage list *2

