

ABSTRACT

A rotor core has plural holes including holes in which permanent magnets are installed, the rotor core including: a high permeability portion; and a low permeability portion having a relative permeability that is smaller than a relative permeability of the high permeability portion and that is greater than a relative permeability of a vacuum, wherein an entirety of an inner peripheral bridge portion, at least part of a region of which is disposed at an inner peripheral surface side of the rotor core relative to at least one of regions where the permanent magnets are installed, is the low permeability portion.

FIG.4