

[Abstract]

When a front reference location (Pf) is an intersection point of a front imaginary line (L1) passing through a center axis (O) of a rotor core (31) and a front end of a front magnet (32f) and an outer circumferential surface of the rotor core (31) in a plane view, and a rear reference location (Pr) is an intersection point of a rear imaginary line (L2) passing through the center axis (O) of the rotor core (31) and a rear end of a rear magnet (32r) and the outer circumferential surface of the rotor core (31) in the plane view, a front end of a rear bridge (39r) is disposed at a position away from the rear reference location (Pr) to a front (F) by θ_f (radian) at a central angle about the center axis (O), and a rear end (39fl) of a front bridge (39f) is disposed at a position away from the front reference location (Pf) to the front (F) by 0 (radian) or more and θ_f (radian) or less at the central angle about the center axis O. However, θ_f satisfies Formulae (1) and (2) described below.

$$0 < \theta_f \leq (\theta_a/8) \dots (1)$$

$$\theta_a = 2\pi/(N_{\text{slot}}) \dots (2)$$

FIG. 3