

[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 each set of permanent magnets (32) 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 each set of the permanent magnets (32) and the outer circumferential surface of the rotor core (31) in the plane view, a rear end (39) of a front bridge (39f) is disposed at a position away from the front reference location (Pf) to a rear (R) by $\theta_a/24$ (radian) or more and $\theta_a/8$ (radian) or less at a central angle about the center axis (O), and

a front end (39r1) of a rear bridge (39r) is disposed at a position away from the rear reference location (Pr) to a front (F) by 0 (radian) or more and $\theta_a/12$ (radian) or less at the central angle about the center axis (O). However, θ_a satisfies Formula (1) described below.

$$\theta_a = 2\pi/(N_{\text{slot}}) \dots (1)$$

FIG. 3