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ABSTRACT



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A permanent magnet type rotor comprises an inner member 2 having an outer ring portion 21; an approximately annular outer member 1 having soft magnetism and an inner circumference contacting with an outer circumference of the outer ring portion; and plural permanent magnets 3 disposed at equal intervals on the outer circumference of the outer member toward the circumferential direction. At least one of the inner member 2 and the outer member 1 is made from a sintered material, and the inner member 2 and the outer member 1 are mutually sintered and bonded. Thickness and weight of a dynamotor itself can be reduced and high output and high efficiency can be achieved.