

BRUSHLESS DC MOTOR

ABSTRACT

5 A brushless DC motor includes a shaft (6), a first stator (11a), a second
stator (11b), a first rotor (12a), a second rotor (12b), and a coupling unit (13).
Each of the first stator (11a) and the second stator (11b) has a cylindrical shape
with a top face and a bottom face, and the center of the circle of the cylindrical
shape is fixed to the shaft (6). The first rotor (12a) is rotatably attached to the
10 shaft (6) so as to face a side face of the first stator (11a). The second rotor (12b)
is rotatably attached to the shaft (6) so as to face a side face of the second stator
(11b). The first stator (11a) and the second stator (11b) are identical
components. The first rotor (12a) and the second rotor (12b) are identical
components.

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[Fig. 2]