

SUPER HIGH SPEED BRUSHES DC MOTOR

ABSTRACT OF THE DISCLOSURE

An air gap length g between a stator (1) and a portion having metallic characteristics of a rotor (2) is determined to be equal or greater than $N^{5/6} \cdot P^{1/8} \cdot d \cdot Kg$ so as to supply a brushless DC motor which is able to rotate at super high speed.

FIGURE 1.