



ABSTRACT OF THE DISCLOSURE

The invention discloses a hydrodynamic bearing motor. The hydrodynamic bearing motor comprises: a housing integrated with a sleeve which has a vertically penetrated axial hole and is
5 extended upward in a tubular shape in a central portion of the housing; cores coupled to an outer peripheral surface of the sleeve; a shaft for being rotatably inserted into the axial hole of the sleeve and having a flat thrust integrally formed in an lower end thereof; a hub integrally coupled to an upper end of
10 the shaft and having a downwardly extended end wherein a magnet having at least two poles is attached in an inner peripheral surface of the downwardly extended end for interacting with the cores to generate an electromagnetic force; and a cover plate for blocking the lower end of the axial hole of the sleeve wherein
15 the shaft is inserted. The assembly workability, processability and productivity can be enhanced and the NRRO and RRO features of the motor can be improved due to the structural stiffness and endurance so that reliability on extension of life time and performance can be enhanced as a very useful effect.