ABSTRACT

TITLE OF INVENTION: HYDRODYNAMIC BEARING

It is an object of the present invention to provide a hydrodynamic bearing which is highly reliable and capable of preventing a lubricant contained therein from flowing out of the bearing. In the hydrodynamic bearing, lower and upper end portions of a stationary shaft are properly spaced from a sleeve and a thrust plate, respectively, and an air channel is provided inside the stationary shaft with one end thereof opening to a space defined between an outer circumferential portion of the stationary shaft and the sleeve and with the other end thereof communicating with the outside. Thus, the hydrodynamic bearing has a highly reliable construction which can assuredly prevent the flow-out of the lubricant.

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