

## ABSTRACT

### FLUID BEARING EQUIPMENT

An object of the present invention is to provide a fluid bearing equipment which is free from lockup or seizure which may occur due to a deficiency of a lubricating fluid when the equipment is operated at a high rotation speed in a high temperature environment. The fluid bearing equipment is arranged such that maximum pressure generating portions 23 of dynamic pressure generating grooves 15, 16 provided in a thrust-side dynamic pressure generating portion are located closer to the outer circumference of a stationary thrust plate 9 than a radially middle position of the thrust-side dynamic pressure generating portion. With this arrangement, the lockup and seizure of a motor can be prevented which may otherwise occur due to a deficiency of the lubricating fluid when the equipment is operated at a high rotation speed in a high temperature environment.

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