

ABSTRACT OF THE DISCLOSURE

The present invention relates to a dynamic pressure-type liquid bearing unit which can prevent lubricating oil from flowing outside by discharging air that is trapped in the bearing. A sleeve (3) and a thrust plate (4) that is attached to one end side of the sleeve (3) sandwich a thrust bearing (1) leaving a gap around the thrust bearing. Unsymmetrical herringbone-shaped dynamic pressure-generating grooves (8a and 8b) are formed on at least one of the outer circumferential surface of the stationary shaft (2) and the inner circumferential surface of the sleeve (3). A first capillary sealing portion (7a) is formed between one end of the stationary shaft (2) and the sleeve (3), and a second capillary sealing portion (7b) is formed between the other end of the stationary shaft (2) and the thrust plate (4). Groove portions (9) for removing air are formed between the first capillary sealing portion (7a) and the second capillary sealing portion (7b).