

ABSTRACT

The present invention provides a butterfly valve that can improve the effect of preventing condensation on the actuator, realize cost reduction by decreasing the machining amount and simplifying the production process of the valve body, and facilitate the operations of connecting to the piping flange and maintenance, thereby improving convenience and usability.

A centered butterfly valve is configured so that a sheet ring made of an elastic sealing member is mounted in a valve body having a cylindrical flow passage formed to penetrate the valve body, a disk-shaped valve element is pivotally supported inside the valve body by a valve rod arranged to extend from the valve body in the radial direction thereof such that a peripheral edge of the valve element can be brought into contact with and separated from the sheet ring, and a rotation axis of the valve rod is positioned substantially on the central line of the valve element. In the butterfly valve, the valve rod extending from the valve body outwardly in the radial direction extends to the outer peripheral portion of the valve body, an attachment plate for installing and fixing an actuator is supported by at least two support arms extending from the valve body, the support arms do not come into contact with the valve rod, and a space is provided between the outer peripheral portion of the valve body, the attachment plate, and the support arms.