

ABSTRACT

With the simple cylindrical body shape of gate valves that are currently on the market, the welded portions have three-dimensionally curved shapes and welding is difficult for general purpose welding machines. Moreover, in manufacture by casting, there are many defects in the material such as cavities and sand trapping, and man-hours and cost are necessary to repair same. In the gate valve according to the present invention, a body has openings to accommodate two connecting pipes and a gate. The two connecting pipes respectively pass through the two openings and are disposed so as to face the gate from two sides. The two connecting pipes are each joined to the body by welding at an opening and the shape of said welded sections is a circular ring. Moreover, when producing the body in the present invention, the body portion is manufactured by forging instead of casting and after machining, is unified by welding.