

ABSTRACT OF THE DISCLOSURE

CHECK VALVE BODY AND VALVE HAVING CHECK FUNCTION

To reduce a flow pressing a valve body in the direction of closing the valve from a rear portion of the valve body by interrupting the flow running along the spherical surface of the valve body when the valve is opened, in order to keep the valve body in an appropriate valve opening state thereby securing a rated amount of flow. A valve seat is provided on the secondary side of a valve port communicating with a primary side passage and a secondary side passage and a spherical valve body is provided to be capable of being attached to or detached from the valve seat. The valve body is provided with an urging means which expands or contracts corresponding to advancement/retraction of a spindle between the valve body and the spindle capable of advancing/retracting in the axial direction of the valve port. The primary side pressure receiving side of the valve body is inserted into an inside diameter portion of a ring-like buoyant force assisting body whose outside diameter d is larger than the diameter of the valve body and whose inside diameter is larger than the diameter of the valve port and smaller than the diameter of the valve body.

Figure 1