

CHECK VALVE AND RECIPROCATING BODY FOR CHECK VALVE

ABSTRACT

A reciprocating body (2) has a valve element (6) which includes a deflecting surface (10a), a valve shaft (7) which is guided by a guide cylinder (4), and a packing (8) having an annular shape which is circularly brought into close contact with a valve seat (12a) in a state where the reciprocating body (2) is in a closed position. The valve element (6) includes a large diameter portion (9a), and a small diameter portion (9b) and a deflecting portion (10) extending from the large diameter portion (9a) toward the primary flow passage side. The large diameter portion (9a) has, on the primary flow passage side, a flange surface (9d) which supports the packing (8) in a state where the packing (8) is exposed to the primary flow passage side. The flange surface (9d) is formed such that the flange surface (9d) is allowed to come into contact with the valve seat (12a) via the packing (8). A recess (9c) is formed on the outer periphery of the small diameter portion (9b), and a portion of the packing (8) is fitted in the recess (9c).

[Figure 2]