

GATE VALVE

ABSTRACT

There is disclosed two embodiments of a gate valve having a pair of parallel-sided gates for opening and closing a flowway through the valve body upon reciprocation within a gate cavity intersecting the flowway intermediate  
5 its ends. The gates are connected to an actuator stem by a lost motion connection which causes one to be moved from closed toward open position prior to the other, and the one gate has a passageway therein for moving into a position to connect the cavity with the flowway prior to movement of  
10 the gates together toward open position.

Figure 1