

Locking devices

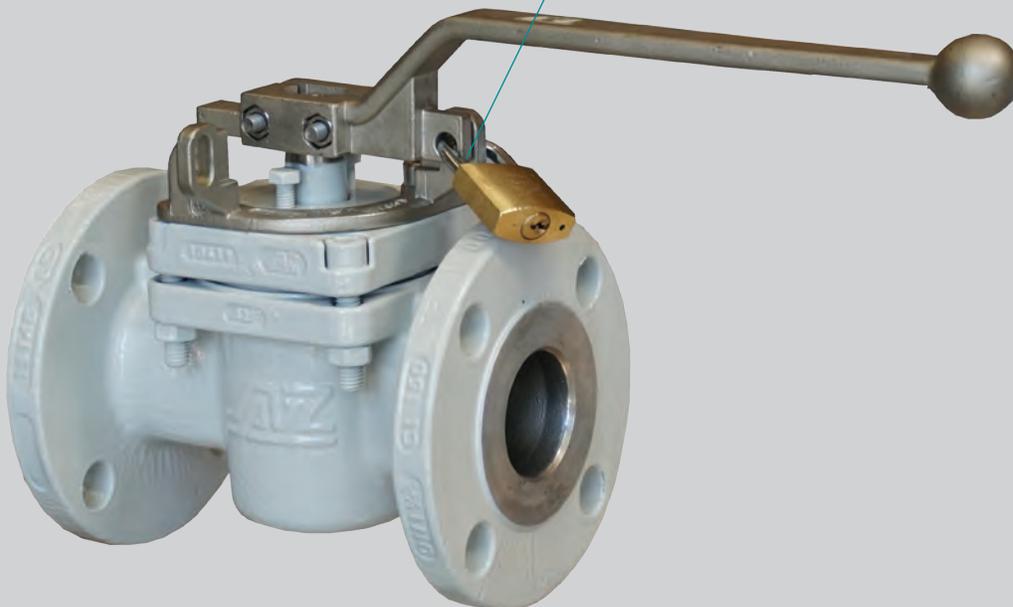
Eyelets for padlock

- protection against un-authorized operation
- optionally for CLOSED, OPEN or both positions
- no operation when the padlock is closed
- no dismantling of the lever



Plug valves with locking devices:

- gearbox
- lever



Locking devices

Indexing plunger arrestor

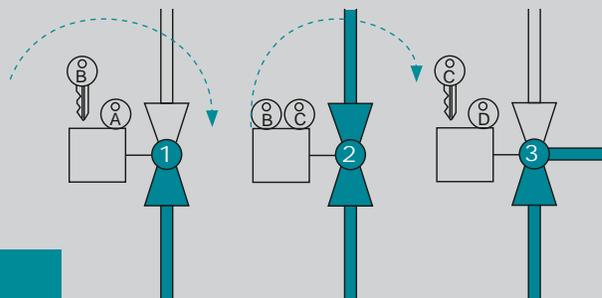
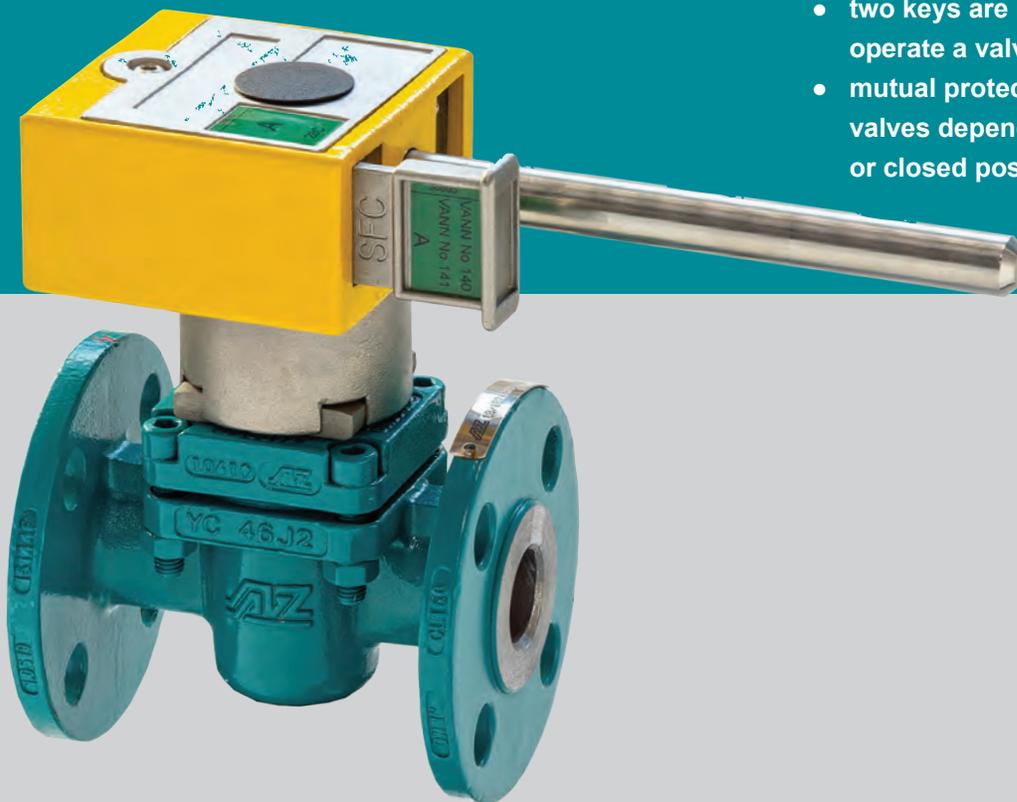
- secure arresting of exact plug position, e.g. four-way valve with L4-plug
- switch position is indicated by the cast position indicator



Locking devices

Linear key concept

- mechanical locking of one or more valves
- two keys are required to operate a valve safely
- mutual protection of several valves depending on the open or closed position



Functionality

Example 1

- valve 1 with key A + B must be closed before valve 2 with key B (from valve 1) and C can be opened
- now, valve 3 can be put into the required position with key C (from valve 2) and D

Example 2

- valve in open position (locked)
- key A is inserted in and cannot be removed
- with key B, the blockage of the plug can be released and the plug can be closed
- this unlocks key A and it can be removed
- key B remains in the lock and cannot be withdrawn

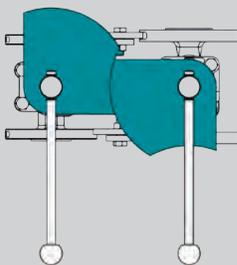
Locking devices

Pilot valve combination

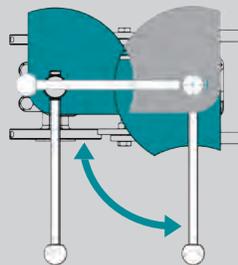
- mechanical locking of a valve combination incl. locking
- no operating error
- solid construction



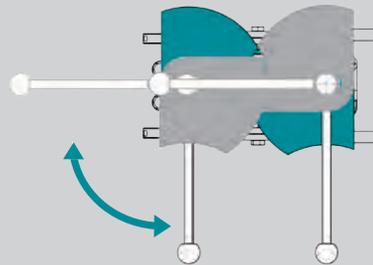
Functionality



pilot valve main valve



main valve can only be opened if the pilot valve has been opened



pilot valve can only be closed if the main valve has been closed