VALVE WIT ACTUATOR FOR THE DOSING

DESCRIPTION
This actuator has been purposely conceived to obtain a partial and adjustable closing of the valve before its complete closing, or a partial opening of the valve before its complete opening. The adjustment is obtained by means of the upper knob and allows very exact and repetitive cycles.

APPLICATIONS
With normally open (NO) valves it can be used in automatic equipments for filling sacks or packages. With normally closed (NC) valves it can be used in distribution systems of compressed air.

OPERATION
1) VALVE 1 ON - The upper piston goes down and positions itself according to the upper knob’s adjustment.
2) VALVE 2 ON - Feeding in (1), the lower piston goes up to meet the upper stem and the valve partially closes.
3) VALVE 1 OFF - Taking air off the upper piston, the lower one goes up and the valve completes the closing.
4) VALVE 2 OFF - Exchanging the feeding from position (1) to position (2), the lower piston goes down and the valve completely opens, coming back to the initial position. The cycle can be repeated.