

## Tempos de abertura e de fecho das válvulas de manga flexível

### Opening and closing times of the Pinch Valve

Diâmetro nominal (mm) Diâmetro nominal (mm)	Tempo de abertura (seg.) Opening time (sec.)	Tempo de fecho (seg.) Closing time (sec.)
10	<1,0	<1,0
15	<1,0	<1,0
20	<1,0	<1,0
25	<1,0	<1,0
32	<1,0	<1,0
40	<1,0	<1,0
50	<1,0	<1,0
65	1,0	<1,0
80	1,7	1,0
100	2,2	1,8
125	4,0	2,5
150	7,0	4,0
200	13,0	9,0
250	25,0	16,0

Os dados baseiam-se no seguinte:

Junta:

Borracha natural (tipo: 03X)

Pressão de comando:

2,5bar / Pressão de serviço: 0bar (Atmosfera)

Válvula solenóide:

DN 9mm / G1/4" (montada directamente)

The details are based on the following:

Sleeve:

Natural rubber (type: 03X)

Control pressure:

2,5bar / Operation pressure: 0bar (Atm.)

Solenoid Valve:

DN 9mm / G1/4"(directly mounted)

Os tempos de abertura e de fecho podem oscilar e dependem da:

- Pressão de serviço na válvula de manga flexível
- Qualidade da borracha na junta
- Caudal de ar das válvulas de comando
- Temperatura
- Frequência cíclica (abrir/fechar)
- Comprimento e diâmetro da linha de comando

The opening and closing times vary. These times depend on:

- Operation pressure inside pinch valve
- Material of the sleeve
- Airflow capacity of control device
- Temperature
- Number of cycles (open/close)
- Length and diameter of control line