

挤压阀的开启时间和关闭时间

Opening and closing times of the Pinch Valve

公称通径(mm) 公称通径(mm)	开启时间(sec.) Opening time (sec.)	关闭时间(sec.) 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

数据基于以下条件:

阀套:
天然橡胶 (型号: 03X)

控制压力:
2.5bar / 工作压力: 0bar (大气压)

电磁阀:
NW 9mm / G1/4" (直接安装)

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)

开启时间和关闭时间受以下因素的影响而会波动

- 夹管阀内运行压力
- 阀套橡胶材质
- 控制阀门的耗气量
- 温度
- 循环次数 (打开/关闭)
- 控制线的长度

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