Speed Controller Anti-spatter

Spatter-proof push-in fitting type flow control valve

⚠ Safety instructions for this product

Safety instructions, Common safety instructions for each product category and Detailed safety instructions for each product are in the end of this catalog and our website.

■ Model Designation (Example)



(1) Speed Controller

(2) Type C: Elbow

(3) Tube dia. (ØD)

| Code | 4 | 6 | 8 | 10 | 12 |
|----------------|----|----|----|-----|-----|
| Tube O.D. (mm) | ø4 | ø6 | ø8 | ø10 | ø12 |

Related products Anti-spatte



► P.108

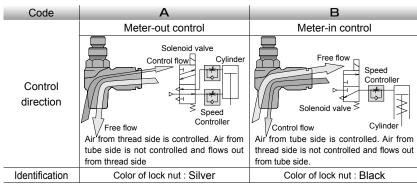
Tube Stripper for Anti-spatter tube

▶ P.114

(4) Thread size (R)

| | Metric thread | Taper pipe thread | | | |
|-------------|---------------|-------------------|------|------|------|
| Code | M5 | 01 | 02 | 03 | 04 |
| Thread size | M5×0.8 | R1/8 | R1/4 | R3/8 | R1/2 |

(5) Control direction



(6) Low cracking pressure type

| Code | No code | K |
|----------------|------------------------|--|
| Specifications | Standard specification | Low cracking pressure type (Check valve opening pressure: 0.02MPa, Operating pressure range: 0.05 to 0.5MPa) |

(7) Resin material

V-0: Flame-retardant resin

▶UL94 V-0...

UL94 is specified by Underwriters Laboratories Inc. and classified into V-0, V-1, V-2 and HB depending on self-extinguishing materials. V-0 is the highest requirement class.

Characteristics

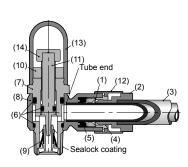
■ Flame-retardant resin (Equivalent to UL94 V-0) is applied for the body material to adapt to spatter environment.

Protective Cover at both needle and joint parts to protect from sparks.

Specifications

| Fluid medium | Air |
|------------------------------|---|
| Max. operating pressure | 0.1 to 0.9 MPa (Low cracking pressure type: 0.05 to 0.5MPa) |
| Check valve opening pressure | 0.05 MPa (Low cracking pressure type: 0.02MPa) |
| Operating temp. range | 0 to 60°C (No freezing) |

Sectional drawing



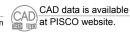
| No, | Parts | Material |
|------|----------------|-----------------------|
| (1) | Lock claws | Stainless steel |
| (2) | Release-ring | Flame-retardant resin |
| (3) | Tube | Anti-spatter tube |
| (4) | Guide ring | Nickel-plated brass |
| (5) | Elastic sleeve | NBR |
| (6) | O-ring | NBR |
| (7) | Metallic body | Nickel-plated brass |
| (8) | Resin body | Flame-retardant resin |
| (9) | Diaphragm | HNBR |
| (10) | Lock nut | Aluminum |
| (11) | Needle | Nickel-plated brass |
| (12) | Cover | Flame-retardant resin |
| (13) | Cover | Flame-retardant resin |
| (14) | Knob | Nickel-plated brass |

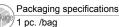
^{*}The gasket material of M5 thread is SPCC + NBR.

Notes

*1. For [5] in model code, please select a control direction code. "A" for Meter-out and "B" for Meter-in control.

*2. Applicable cylinder tube I.D. is based on the supply air pressure at 0.5MPa and cylinder speed at 500mm/sec.





RoHS2 (2011/65/EU+EU2015/863) compliant

| Туре | Model code JSCøD-R5(K)V-0 | Applicable cylinder tube I.D. (mm) | |
|-------|------------------------------|------------------------------------|--|
| Elbow | JSC4-M55V-0 | ø20 | |
| JSC _ | JSC4-M55KV-0 | ø16 | |
| | JSC4-015V-0 | ø32 | |
| | JSC4-015KV-0 | 032 | |
| | JSC6-M55V-0 | ø20 | |
| øD R | JSC6-M55KV-0 | ø16 | |
| | JSC6-015V-0 | 00 | |
| | JSC6-015KV-0 | ø32 | |
| | JSC6-025V-0 | ø40 | |
| | JSC6-025KV-0 | | |
| | JSC6-035V-0 | ø63 | |
| | JSC8-015V-0 | -00 | |
| | JSC8-015KV-0 | ø32 | |
| | JSC8-025V-0 | | |
| | JSC8-025KV-0 | ø40 | |
| | JSC8-035V-0 | ø63 | |
| | JSC8-045V-0 | ø100 | |
| | JSC10-025V-0 | ø40 | |
| | JSC10-025KV-0 | | |
| | JSC10-035V-0 | ø63 | |
| | JSC10-045V-0 | ø100 | |
| | JSC12-035V-0 | ø63 | |
| | JSC12-045V-0 | ø100 | |