



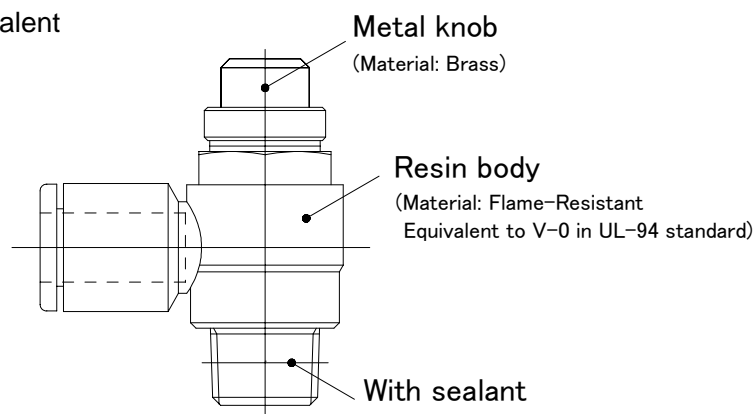
Flame-Resistant (Equivalent to V-0 in UL-94 Standard) Speed Controller Elbow Type with FR One-touch Fitting AS-W2

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URL: <http://www.smcworld.com>

Application: Flow control equipment where welding spatter splashes.

Feature 1: Applicable to environment where welding spatter splashes such as automobile welding lines. (*1)

- 1) Resin body material: Flame-resistant
UL-94 standard, V-0 equivalent
- 2) Knob: Metal (brass)
- 3) Thread: With sealant



*1) When the product is used in environment where spatter splashes, use our FR double layer tube (TRB Series) and FR soft nylon tube (TRS Series).

Use KR spatter cover (KR or KR-**C1) for one touch fitting according to operating environment.

Please refer to our Best Pneumatics for details.

Specifications

Fluid	Air
Proof pressure	1.5MPa
Maximum operating pressure (*2)	1MPa
Minimum operating pressure	0.1MPa
Ambient and fluid temperature (*2)	-5 to 60°C (No freezing)
Number of needle rotations	10 turns
Applicable tube materials	FR double layer tube FR soft nylon tube

*2) These values indicate the maximum operating pressure and temperature range of fitting itself.

When connecting tubes, observe the maximum operating pressure and operating temperature for tubing.

How to Order

Elbow type

AS 2 2 0 1F- 01-06 W2

Body size

2	1/8, 1/4 standard
3	3/8 standard
4	1/2 standard

Type

2	Elbow
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Control method

0	Meter-out
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Thread type

Nil	R
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Option (*3)

Nil	None
N	Electroless nickel plated

Applicable tube O.D.(Metric size)

















06	Ø6
08	Ø8
10	Ø10
12	Ø12

Port size

01	1/8
02	1/4
03	3/8
04	1/2

※ See the following table regarding the combination of body size, port size and applicable tube O.D.

Model

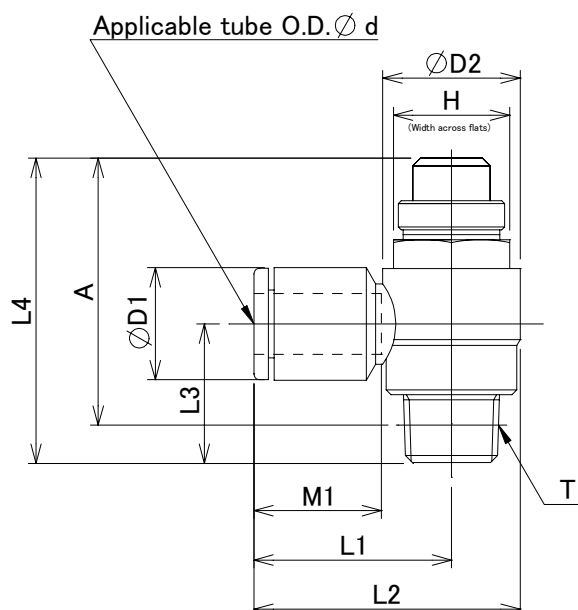
Elbow type	Port size	Applicable tube O.D.				Applicable cylinder bore size [mm]
		Metric size				
		6	8	10	12	
AS2201F-01	R1/8					20, 25, 32
AS2201F-02	R1/4					20, 25, 32, 40
AS3201F-02	R1/4					40, 50, 63
AS3201F-03	R3/8					40, 50, 63
AS4201F-04	R1/2					63, 80, 100

*3) ⊙ mark indicates that all metal parts are electroless nickel plated.

● mark indicated that parts in the body are not electroless nickel plated.

Choose N as option when you need ● marked product which all metal parts are electroless nickel plated.

Dimensions: mm



Dimensions: mm

Type	Applicable tube O.D.: d	T	H	D1	D2	L1	L2	L3	L4		A (*4)		M1	Weight : g
									MAX.	MIN.	MAX.	MIN.		
AS2201F-01-06W2	6	R1/8	12	11.6	14.2	20.4	27.5	14.3	37.3	32.3	33.3	28.3	13.5	17
AS2201F-01-08W2	8			15.2		25.3	32.4		37.3	32.3	33.3	28.3	18.5	19
AS2201F-01-10W2	10			18.5		33.1	40.2		37.3	32.3	33.3	28.3	21	21
AS2201F-02-06W2	6	R1/4	17	12.8	18.5	25.2	34.4	18.2	41.6	36.6	30.6	24.6	17	32
AS2201F-02-08W2	8			15.2		27.2	36.4		41.6	36.6	30.6	24.6	18.5	34
AS2201F-02-10W2	10			18.5		33.9	43.2		41.6	36.6	30.6	24.6	21	36
AS3201F-02-06W2	6		19	12.8	23	27.8	39.3	21.8	50.4	45.4	44.4	39.4	17	60
AS3201F-02-08W2	8			15.2		29.5	41		50.4	45.4	44.4	39.4	18.5	63
AS3201F-02-10W2	10			18.5		31.8	43.3		50.4	45.4	44.4	39.4	21	67
AS3201F-02-12W2	12			20.9		32.8	44.3		50.4	45.4	44.4	39.4	22	69
AS3201F-03-06W2	6	R3/8	23	12.8	23	27.8	39.3	20.9	48.5	43.5	42.4	37.4	17	55
AS3201F-03-08W2	8			15.2		29.5	41		48.5	43.5	42.4	37.4	18.5	57
AS3201F-03-10W2	10			18.5		31.8	43.3		48.5	43.5	42.4	37.4	21	59
AS3201F-03-12W2	12			20.9		32.8	44.3		48.5	43.5	42.4	37.4	22	61
AS4201F-04-10W2	10	R1/2	24	18.5	28.6	33.6	47.9	25.4	59.6	52.1	51.4	43.9	21	100
AS4201F-04-12W2	12			20.9		34.6	48.9		59.6	52.1	51.4	43.9	22	101

*4) Reference dimensions after thread installation.



Caution

To ensure the safest possible operation of this product, please be sure to read thoroughly the "Safety Instructions" in our "Best Pneumatics" general catalog before use.