Speed Controller: Standard Type Series AS Elbow Type (Metal Body)

Minimizes installation time and cost

Fittings and tubing are not necessary because this type screws directly into the actuator. Thus, piping labor and cost can be eliminated.

Body swivels 360°

Swivel type allows free setting of piping.

Speed may be accurately controlled even at low speeds.

Able to control and set a constant speed easily.

Retainer prevents accidental loss of needle.









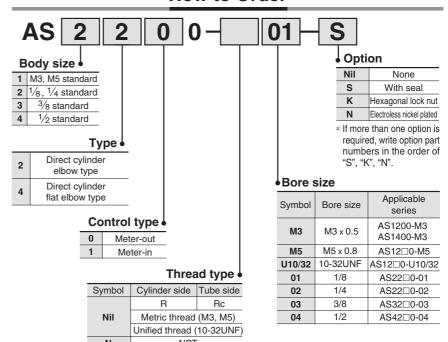
Model/Specifications

Specifications	Model	AS1200-M3	AS1400-M3	AS12□0-M5	AS12□0-U10/32	AS22□0-01	AS22□0-02	AS32□0-03	AS42□0-04	
Port size		M3 >	¢ 0.5	M5 x 0.8	10-32UNF	1/8	1/4	3/8	1/2	
Applicable cylinder bore size (mm)		2.5,	4, 6	6, 10, 1	5, 20, 25	20, 25,	32, 40	32, 40, 50, 63	80, 100	
Proof pressure		1.05 MPa		1.5 MPa						
Max. operating pressure		0.7 MPa		1 MPa						
Min. operating pressure		0.1 MPa		0.1 MPa						
Ambient and fluid temperature		−5 to 60°C (No freezing)								
Number of needle rotation		10 turns		8 tı	ırns	10 turns				
Option		_		Hexagonal lock nut With seal, Hexagonal lock nut, Nickel plated						
Weight (g)		3	6	1	0	29	64	106	181	
Controlled flow (Free flow)	Flow rate ℓ/min (ANR)	20		10)5	230	460	920	1700	
	Effective area (mm²)	0.3		1.	6	3.5	7	14	26	

- Note 1) Flow rate values are measured at 0.5 MPa and 20°C.
- Note 2) Meter-in type not available on AS1200-M3, AS1400-M3.
- Note 3) Distinction between meter-out/meter-in types by appearance.

 Those are distinguished by the lock nut. The meter-out type is electroless nickel plated, while the meter-in type is black zinc chromate plated.
- Note 4) AS1200, AS1400, AS22□0 are electroless nickel plated as standard. (N specifications)

How to Order

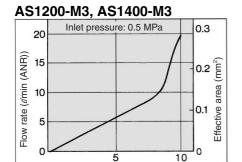


^{*} Male thread comes with R thread.

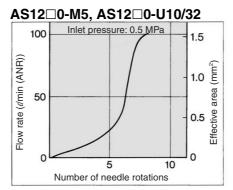
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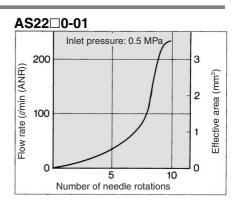
Speed Controller: Standard Type Elbow Type (Metal Body) Series AS

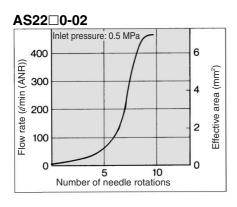
Needle Valve/Flow Characteristics

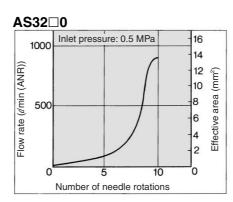


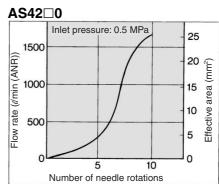
Number of needle rotations











⚠ Caution

Be sure to read before handling. Refer to pages 15-18-3 to 15-18-4 for Safety Instructions and Common Precautions on the products mentioned in this catalog, and refer to pages 15-8-6 to 15-8-8 for Precautions on every series.

AS

ASP

ASN

AQ ASV

AK

ASS

ASR

ASF