

Large Flow Type

Speed Controller with One-touch Fitting

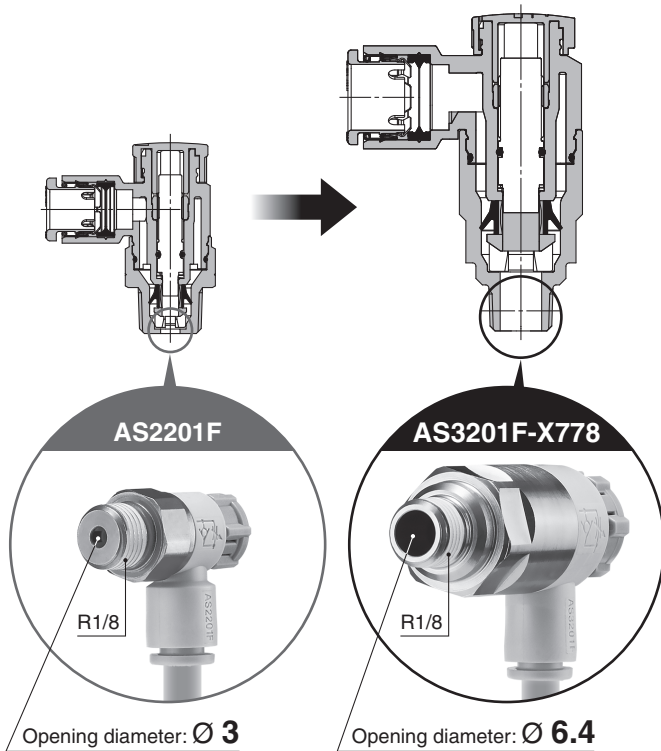
RoHS

Supports **cylinder port** size 1/8 and **high-speed long stroke** cylinder operation

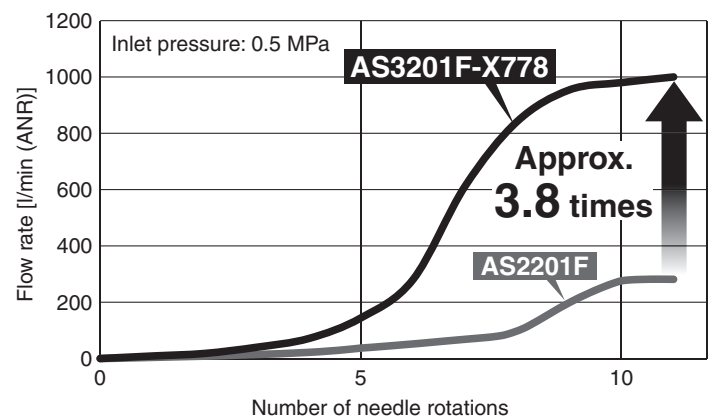
■ **Max. flow rate: 1000^{*1} l/min (ANR)**

^{*1} For applicable tubing O.D.: Ø 8, Ø 10

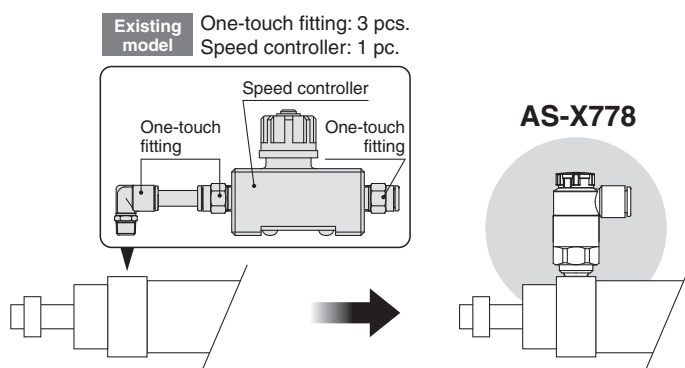
• Increased orifice diameter



• Flow rate characteristics

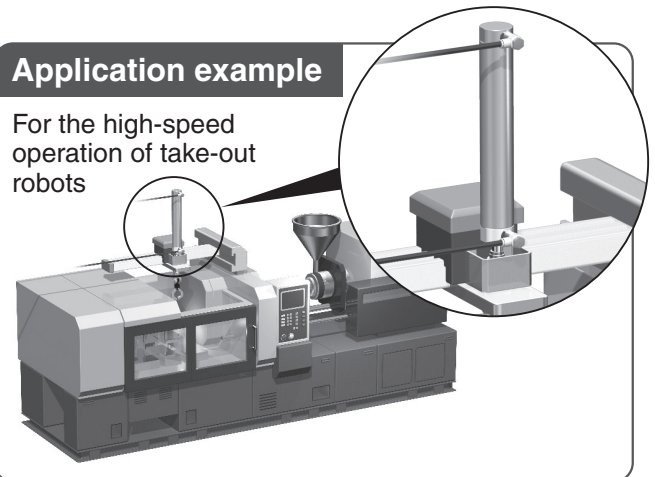


• Reduced parts and installation labour



Application example

For the high-speed operation of take-out robots



AS3201F-01-□SA-X778

19-EU736-UK

AS3201F-01-□SA-X778

How to Order

AS3201F-01-**06**SA-X778

- Applicable tubing O.D. Metric size

06	Ø 6
08	Ø 8
10	Ø 10

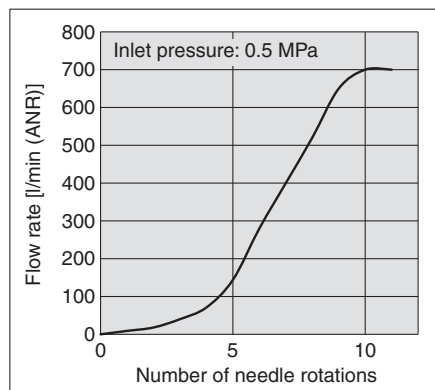
Specifications

Fluid	Air
Proof pressure	1.5 MPa
Control type	Meter-out
Operating pressure range	0.1 to 1 MPa
Ambient and fluid temperatures	-5 to 60 °C (No freezing)
Applicable tubing material	Nylon, Soft nylon, Polyurethane* ¹ , FEP, PFA

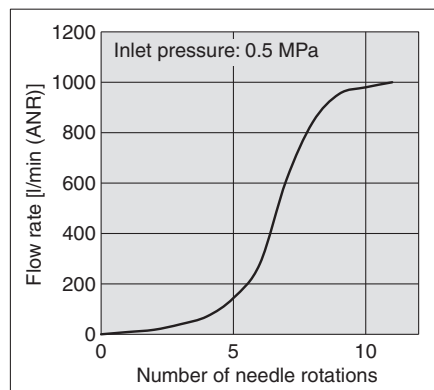
*¹ Use caution at the maximum operating pressure when using soft nylon or polyurethane tubing.
(Refer to the **Web Catalogue** for details on tubing.)

Flow Rate Characteristics

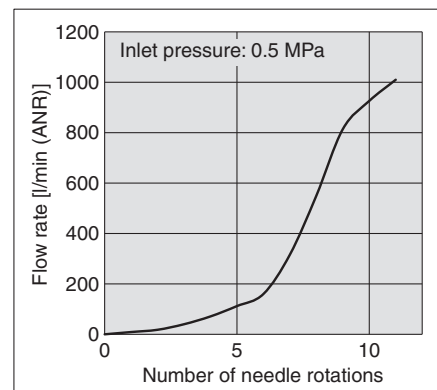
AS3201F-01-06SA-X778



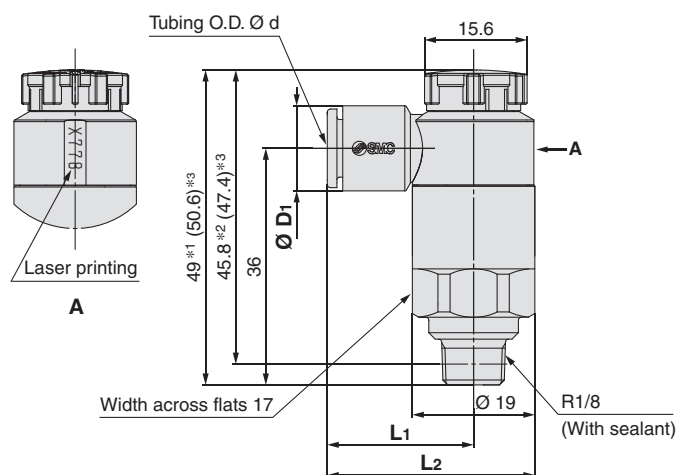
AS3201F-01-08SA-X778



AS3201F-01-10SA-X778



Dimensions



- *1 Reference dimensions
- *2 Reference dimensions of threads after installation
- *3 Reference dimensions when locked

Model	d	D ₁	L ₁	L ₂
AS3201F-01-06SA-X778	6	10.4	21.8	31.3
AS3201F-01-08SA-X778	8	13.2	22.7	32.2
AS3201F-01-10SA-X778	10	15.9	26.7	36.2

Warning

- Use within the specified cylinder speed and kinetic energy ranges. Otherwise, cylinder and seal damage may occur.
- If the driven object moves at high speeds or is heavy, it will be unfeasible for only the cylinder's cushion to absorb the shock. Therefore, provide a speed-reduction circuit to reduce the cylinder's speed before the thrust is applied to the cushion or an external shock absorber to dampen the shock.



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