

With Adjusting Function for Application-Specific Spraying

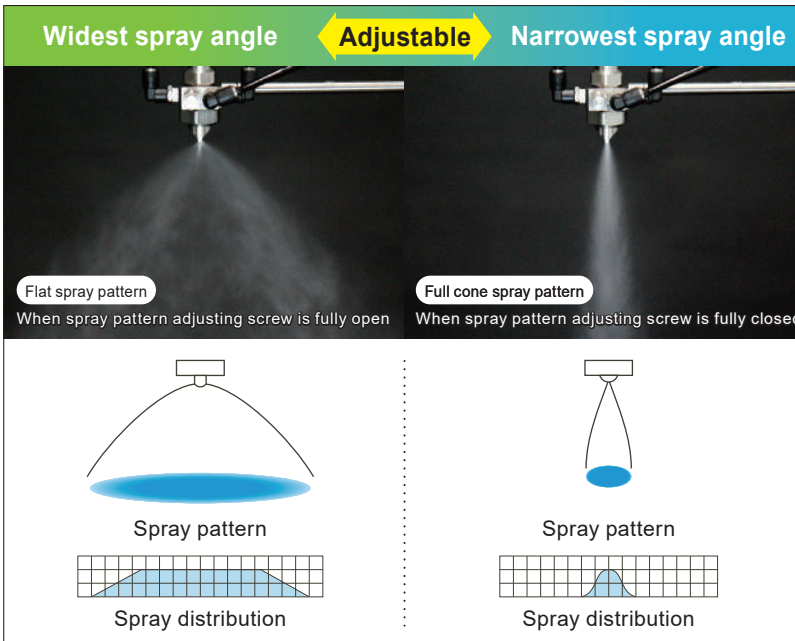
Spray Pattern Adjustable

Pneumatic Spray Nozzle SETOV-C series



Outstanding!

Excellent durability—
On-Off operation of spray
for over 5,000,000 times.

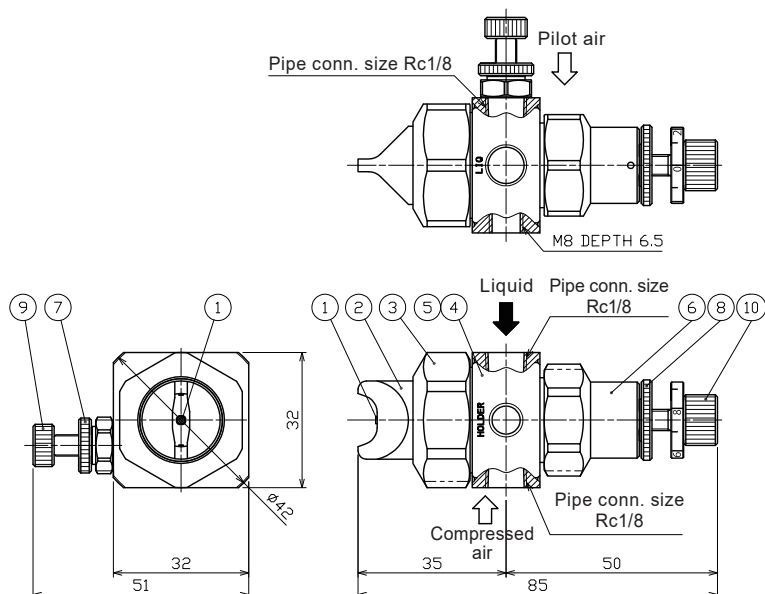


Features

- Spray pattern is adjustable for use with desired spray width.
- Spray capacity can be fine-tuned without changing the present pressures. Spray on-off is controllable.
- Best for coating application with less splattering.
- Durable stainless steel body for long-lasting use.
- Capable of spraying high-viscosity liquid of up to 1,000 cP*.

*Example: Egg yolk has its viscosity of approx. 1,000 cP (centipoise).

Dimensions, Mass and Materials



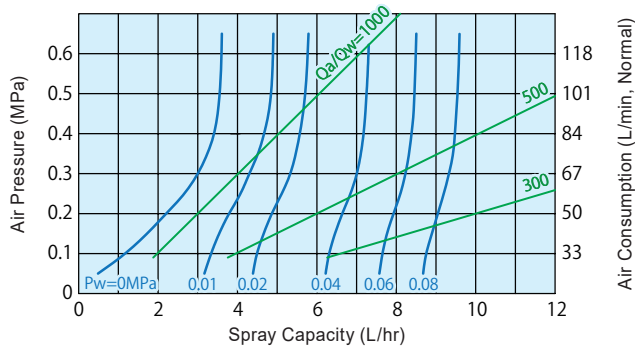
Mass: 270 g

No.	Components	Materials
①	Nozzle Tip	S303
②	Nozzle Body	S303
③	Cap	S303
④	Adaptor	S303
⑤	Packing	NBR, FKM
⑥	Spring Cap	S303
⑦	Pattern Adjusting Screw Locknut	S303
⑧	Capacity Adjusting Screw Locknut	S303
⑨	Pattern Adjusting Screw	S303
⑩	Capacity Adjusting Screw	S303

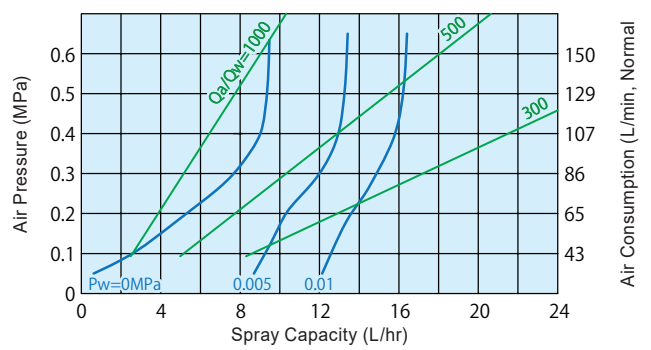
*"S" in materials denotes stainless steel.

Flow-rate Diagrams

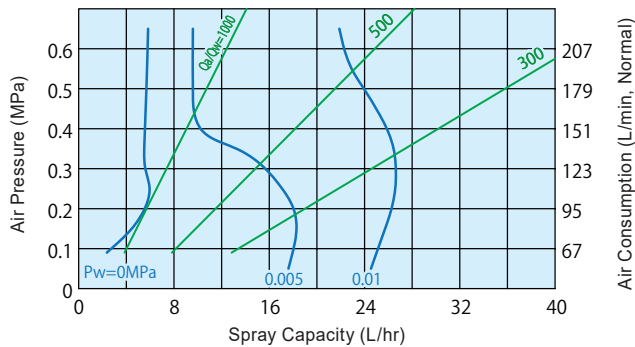
■ SETOV-C 07505



■ SETOV-C 07510



■ SETOV-C 1115



- ① The spray capacity (L/hr) shown is for one nozzle.
- ② Blue lines represent liquid pressures P_w in MPa. Green lines represent air-water ratio Q_a/Q_w .
- ③ " $P_w = 0$ MPa" is measured at siphon height of 100 mm.
- ④ Spray capacity and air consumption shown are values when the pattern adjusting screw and the capacity adjusting screw are fully open.

Air Consumption Code	Spray Capacity Code	Air Pressure (MPa)	Air Consumption (L/min, Normal)*1	Spray Capacity (L/hr)*1		Widest Spray Width (mm)*1 H = 200 mm	Free Passage Diameter(mm)	
				Liquid Pressure 0 MPa*2	Liquid Pressure 0.01 MPa		Air	Liquid
075	05	0.1	33	1.2	3.4	360	0.2	0.5
		0.2	50	2.2	3.8			
		0.3	67	3.0	4.3			
		0.4	84	3.4	4.7			
075	10	0.1	43	2.7	12.6	360	0.2	0.6
		0.2	65	5.3	13.6			
		0.3	86	7.7	14.9			
		0.4	107	9.0	15.9			
11	15	0.1	67	2.7	24.5	360	0.3	0.6
		0.2	95	5.5	26.4			
		0.3	123	5.5	26.6			
		0.4	151	5.6	25.9			

*1: Values when pattern adjusting screw and capacity adjusting screw are fully open.

*2: Spray capacity and compressed air consumption at liquid pressure of 0 MPa are measured at siphon height of 100 mm.

How to order Please inquire or order for a specific nozzle using this coding system.

〈Example〉 SETOV-C07510S303+SPS303

SETOV-C 075 10 S303 + SPS303

Air Consumption Code Spray Capacity Code

07505
07510
1115

Specifications and contents of this leaflet are subject to change without prior notice.

Please feel free to send any inquiry, request for information or quote on this product to the contacts below.



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