

# Low-Speed Rotating Cleaning Nozzles for Tanks/Containers

## SR series

### ■ FEATURES

#### Low-Speed Rotation

- Low-speed rotation of 5–10 rpm\*<sup>1</sup> at 0.3 MPa.
- Maximized contact time between cleaning object and spray liquid achieves higher cleaning effect.

\*1) Reference value

#### Heat-Resistant

Made of stainless steel 316L with high heat resistance.

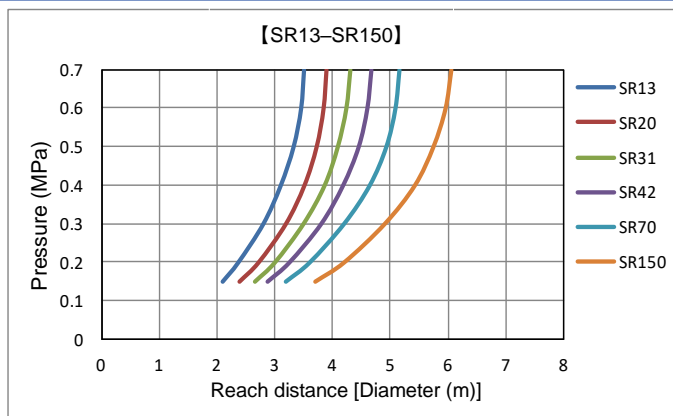
### ■ APPLICATIONS

Cleaning for tanks, containers, filling machines, conveyers and various other tanks.

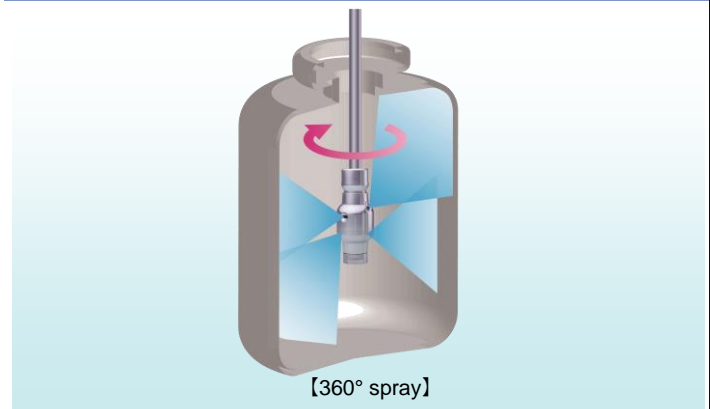


Unique, improved nozzle orifice configuration enables uniform cleaning and minimizes clogging.

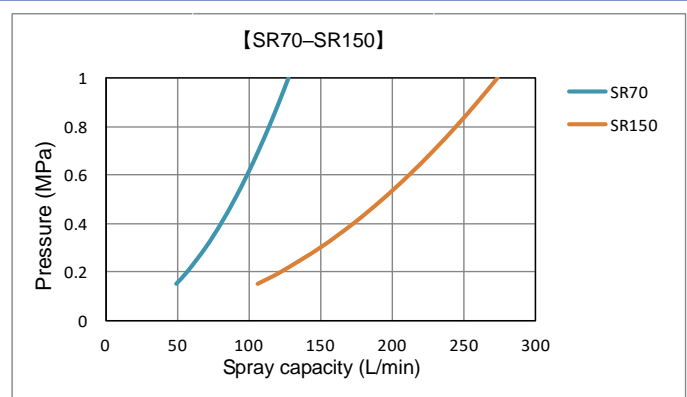
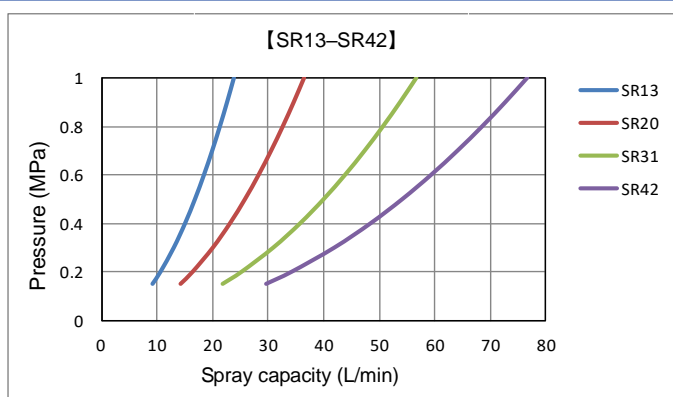
### ■ REACH DISTANCE



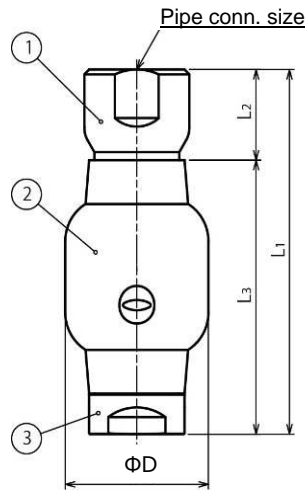
### ■ SPRAY PATTERN



### ■ SPRAY CAPACITY



## ■ SPECIFICATIONS



Pipe conn. size	Dimensions (mm)				Mass (g)
	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	ΦD	
Rc1/8	50	13	37	20	55
Rc1/4	62.5	15.5	47	25	110
Rc3/8	75	19	56	30	170
Rc1/2	100	25	75	40	410
Rc3/4	150	37	113	60	1,410

①Connecting adaptor ②Nozzle body ③Shaft bearing

Material: S316L (stainless steel 316L)

Spray capacity code	Pipe conn. size	Spray capacity (L/min)					Spray pattern	Rotation speed*1 (rpm) at 0.3 MPa [for reference only]	Heat resistance
		0.15 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1.0 MPa			
13	Rc1/8	9.19	13.0	16.8	19.9	23.7	Flat spray 360°	5-10	150°C (300°F)
20	Rc1/4	14.1	20.0	26.0	30.6	36.5			
31	Rc3/8	21.9	31.0	40.0	47.4	56.6			
42	Rc3/8	29.7	42.0	54.2	64.2	76.7			
70	Rc1/2	49.5	70.0	90.4	107	128			
150	Rc3/4	106	150	194	229	274			

Note:

- 1) Use of strainer with mesh size 200 is recommended.
- 2) Install the nozzle downward for stable rotation.
- 3) If upward nozzle installation is needed, please use ES series nozzles instead.

## ■ HOW TO ORDER

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

(Example) 1/8F SR 13N S316L (360)

**1/8F**   **SR**   **13**   **N S316L (360)**

Pipe conn. size\*2

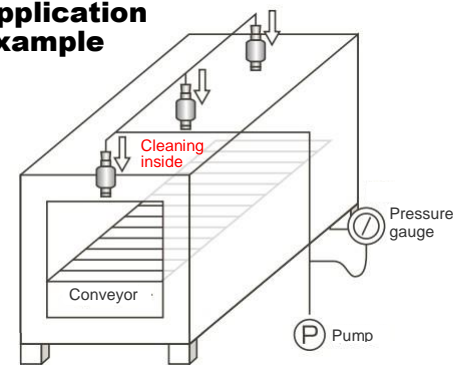
- 1/8F   ■ 1/2F
- 1/4F   ■ 3/4F
- 3/8F

Spray capacity code

- 13   ■ 42
- 20   ■ 70
- 31   ■ 150

\*2) "F" in our pipe connection size indicates female thread ("Rc" of the ISO standard).  
e.g. 1/8F = Rc1/8

## ■ Application example



Specifications of the products and contents of this leaflet are subject to change without prior notice for purpose of product improvement.

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

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