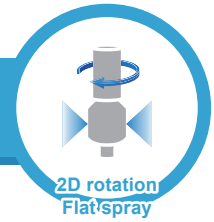


For cleaning easy to remove dirt

# SR SERIES / Low-speed Rotation, Wide Area Cleaning



Cleaning easy to remove dirt



**Spray Coverage**

360° spray

## Features

- Low-speed rotation of 3–15 rpm<sup>4</sup> at 0.3 MPa maximizes contact time between cleaning surface and cleaning liquid for better cleaning effect.
- No external power is needed as rotation is driven solely by the flow of the cleaning liquid.

## Applications

- Cleaning of various tanks, containers, filling machines, and conveyors

## Basic Specifications

■ Operating Pressure Range 0.15–0.5 MPa (25–70 psi)	■ Material <sup>1</sup> S316L
■ Spray Capacity <sup>2</sup> 9.19–194 L/min	■ Weight <sup>3</sup> 55–1,410 g
■ Reach Distance of Spray (Diameter) Approx. 2.0–5.8 m	■ Rotation Speed (at 0.3 MPa) <sup>4</sup> 3–15 rpm
■ Max. Temperature 150°C (302°F)	■ Outer Surface Finish #320 buffing

<sup>1</sup>In the material code, "S" represents "stainless steel".

<sup>2</sup>Spray flow rate in the above operating pressure range. See the flow-rate diagrams and chart for details.

<sup>3</sup>See the table in the drawing section.

<sup>4</sup>For reference only. Rotation speed varies depending on the pressure applied.

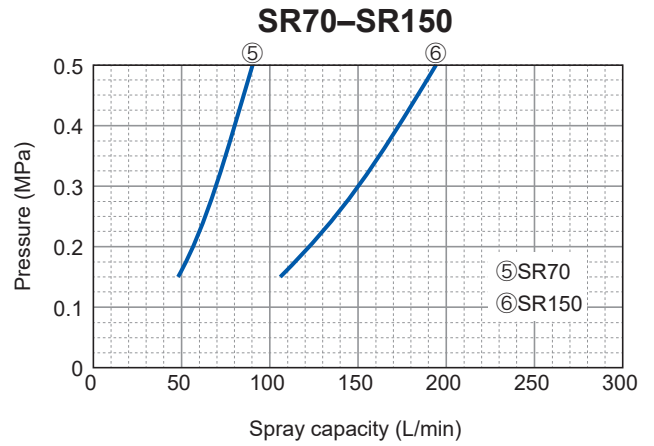
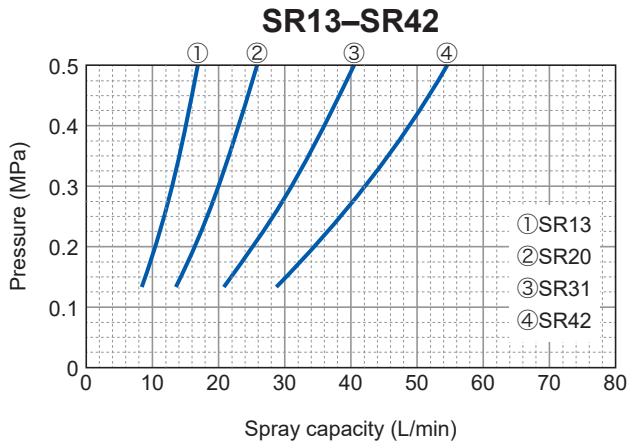
When using at low pressure, please allow sufficient cleaning time as the rotation speed decreases.

▼ Watch rotating & spraying nozzle on YouTube



IKEUCHI SR

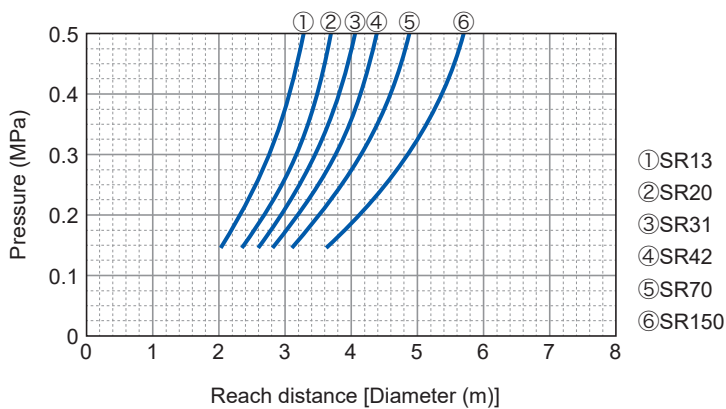
Flow-rate Diagram



Flow-rate Chart

Spray capacity code	Pipe connection size	Spray capacity (L/min)		
		0.15 MPa	0.3 MPa	0.5 MPa
13	Rc1/8	9.19	13.0	16.8
20	Rc1/4	14.1	20.0	26.0
31	Rc3/8	21.9	31.0	40.0
42	Rc3/8	29.7	42.0	54.2
70	Rc1/2	49.5	70.0	90.4
150	Rc3/4	106	150	194

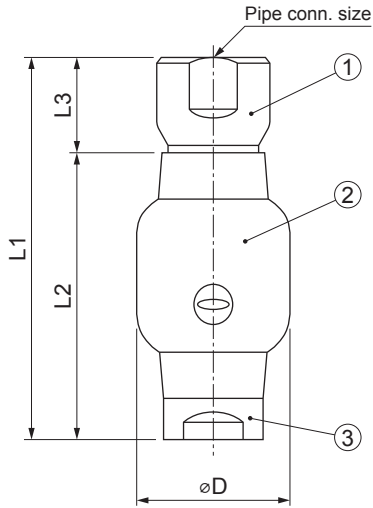
Reach Distance of Spray



# SR SERIES / Low-speed Rotation, Wide Area Cleaning

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## Drawing



- ①Connecting adaptor
- ②Nozzle body (rotating part)
- ③Shaft bearing



### ■Dimensions and weight

Pipe conn. size	Outer dimensions (mm)				Weight (g)
	L1	L2	L3	øD	
Rc1/8	50	37	13	20	55
Rc1/4	62.5	47	15.5	25	110
Rc3/8	75	56	19	30	170
Rc1/2	100	75	25	40	410
Rc3/4	150	113	37	60	1,410

## HOW TO ORDER

To inquire about or order a specific product please refer to this coding system.

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

1/8F SR 13 N S316L (360)

Pipe Conn. Size <sup>5</sup>		Spray Capacity Code	
■1/8F	■1/4F	■13	■20
■3/8F	■1/2F	■31	■42
■3/4F		■70	■150

<sup>5</sup> "F" indicates female tapered pipe thread ("Rc" of the ISO standard), e.g. 1/4F = Rc1/4.