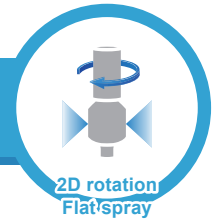


For cleaning easy to remove dirt

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

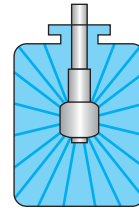


Cleaning easy to remove dirt



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

## 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 (300°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.

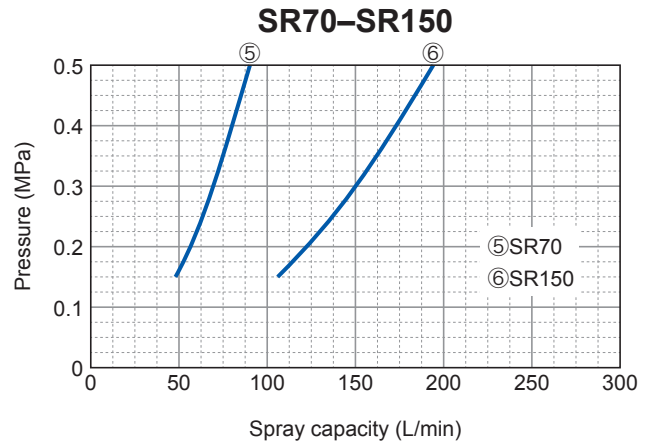
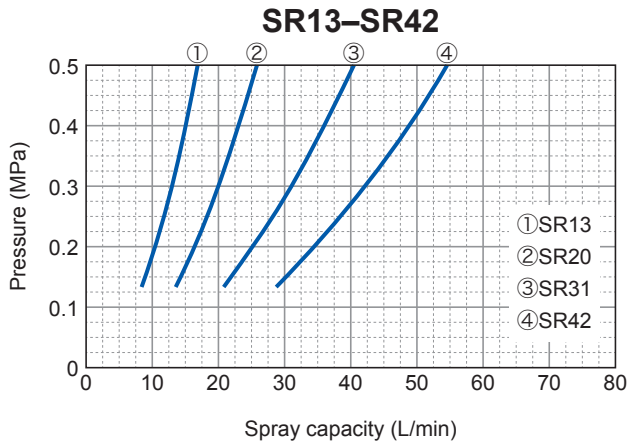
<sup>4</sup>For reference only. Rotation speed varies depending on the pressure applied.

▼ Watch rotating & spraying nozzle on YouTube



IKEUCHI SR

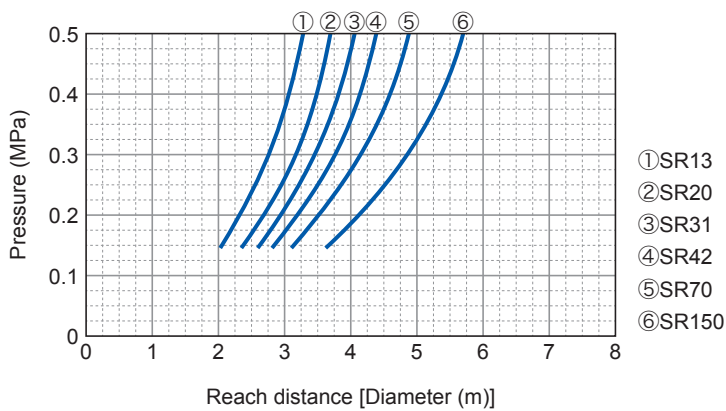
## Flow-rate Diagram



## 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

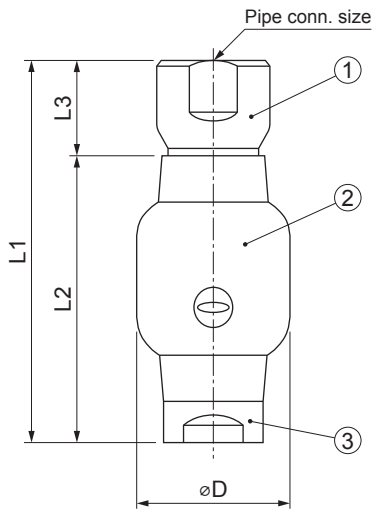
## Reach Distance of Spray



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

Cleaning easy to remove dirt

## Drawing



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



Download 3D/2D CAD file

### ■ 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>	
■ 1/8F	■ 1/4F
■ 3/8F	■ 1/2F
■ 3/4F	

Spray Capacity Code	
■ 13	■ 20
■ 31	■ 42
■ 70	■ 150

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