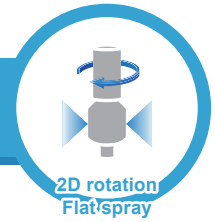


For cleaning easy to remove dirt

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 rpm⁴ 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

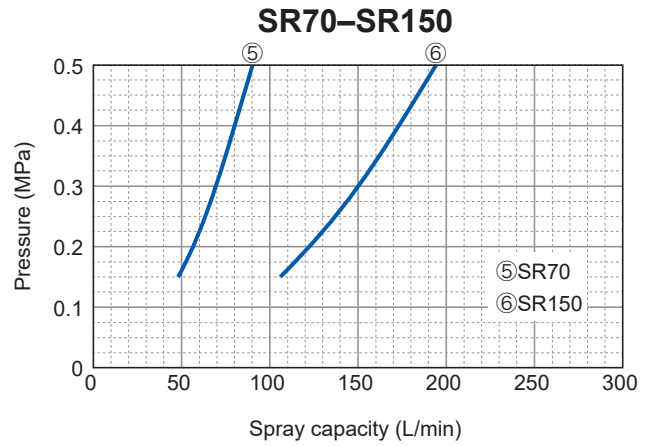
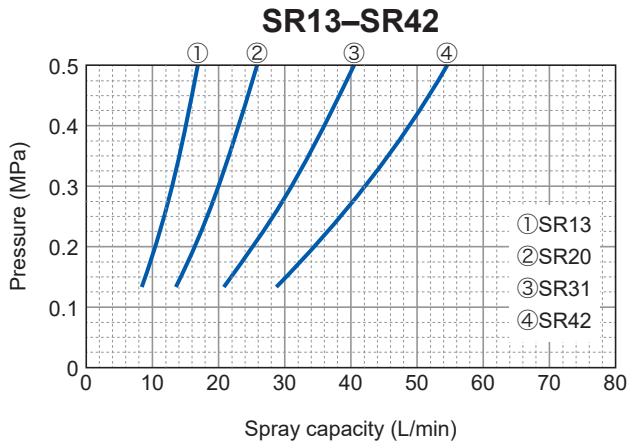
■ Operating Pressure Range 0.15–0.5 MPa (25–70 psi)	■ Material ¹ S316L
■ Spray Capacity ² 9.19–194 L/min	■ Weight ³ 55–1,410 g
■ Reach Distance of Spray (Diameter) Approx. 2.0–5.8 m	■ Rotation Speed (at 0.3 MPa) ⁴ 3–15 rpm
■ Max. Temperature 150°C (302°F)	■ Outer Surface Finish #320 buffing

¹In the material code, "S" represents "stainless steel".
²Spray flow rate in the above operating pressure range. See the flow-rate diagrams and chart for details.
³See the table in the drawing section.
⁴For 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

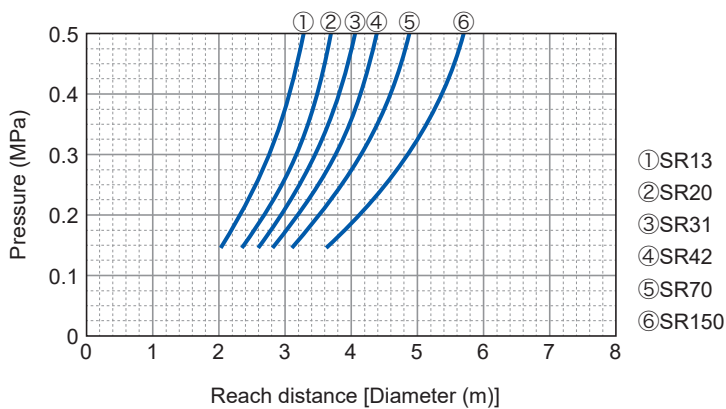
Flow-rate Diagram



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

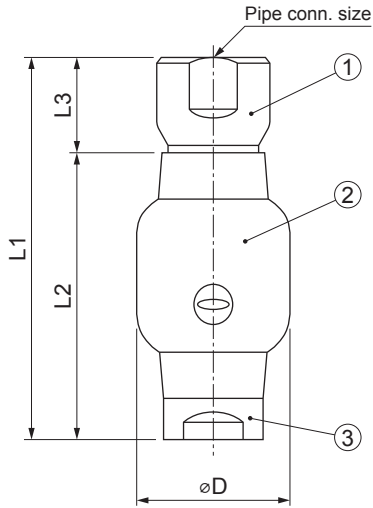
Reach Distance of Spray



SR SERIES / Low-speed Rotation, Wide Area Cleaning

Cleaning easy to remove dirt

Drawing



- ①Connecting adaptor
- ②Nozzle body (rotating part)
- ③Shaft 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 ⁵		Spray Capacity Code	
■1/8F	■1/4F	■13	■20
■3/8F	■1/2F	■31	■42
■3/4F		■70	■150

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