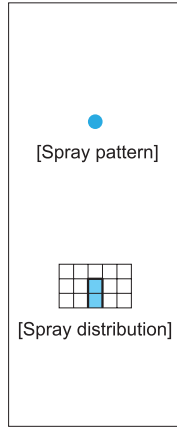


Convex Round Inlet Solid Stream Jet

CCRP CRP(AL99)



[Features]

- Convex round inlet protrudes inside the pipe to prevent particles from flowing into the nozzle, reducing clogging.
- CRP (AL99) series features high-purity alumina ceramic orifice providing stable performance with longer life.
- Short water path design enables easy and thorough brush-cleaning.

[Standard pressure]

2 MPa

[Applications]

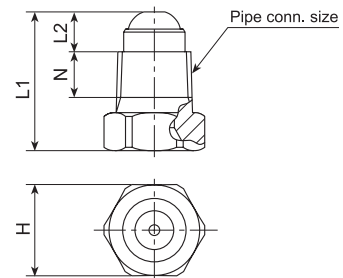
Cleaning: Wire and felt parts of papermaking machines, machinery, parts, vehicles, returnable containers, bottles

Solid Stream

CCRP series

| CCRP series (All metal) | | | | | |
|-------------------------|---------------------------------------|-----|----|-----|----------|
| Structure | • Made of metal, one-piece structure. | | | | |
| Material | • S303 | | | | |
| Pipe conn. size | Dimensions (mm) | | | | Mass (g) |
| | L1 | L2 | H | N | |
| R1/8 | 18.5 | 5.5 | 12 | 6 | 8.5 |
| R1/4 | 22.5 | 7 | 14 | 7.5 | 17 |

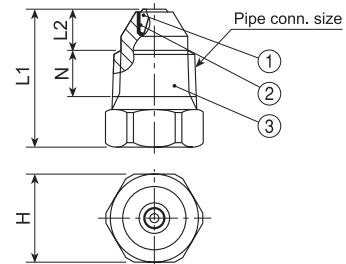
[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.



CRP (AL99) series

| CRP (AL99) series (with alumina ceramic orifice inserted) | | | | | |
|---|--|-----|----|-----|----------|
| Structure | • One-piece structure with high-purity alumina orifice inserted. | | | | |
| Material | • Nozzle orifice: 99% alumina • Nozzle body: S303 | | | | |
| Pipe conn. size | Dimensions (mm) | | | | Mass (g) |
| | L1 | L2 | H | N | |
| R1/8 | 18 | 5 | 12 | 6 | 7 |
| R1/4 | 22 | 6.5 | 14 | 7.5 | 15 |

[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.



① Ceramic orifice (99% Alumina)
② Adhesive: Araldite® ③ Nozzle body

| Orifice diameter code | Pipe connection size | | | | Spray capacity (ℓ/min) | | | | | |
|-----------------------|----------------------|------|------------|------|------------------------|---------|---------|-------|-------|-------|
| | CCRP | | CRP (AL99) | | 0.3 MPa | 0.5 MPa | 0.7 MPa | 1 MPa | 2 MPa | 3 MPa |
| | R1/8 | R1/4 | R1/8 | R1/4 | | | | | | |
| ø0.5 | ○ | ○ | ○ | ○ | 0.20 | 0.26 | 0.31 | 0.37 | 0.52 | 0.63 |
| ø0.6 | ○ | ○ | ○ | ○ | 0.29 | 0.37 | 0.44 | 0.53 | 0.74 | 0.91 |
| ø0.7 | ○ | ○ | ○ | ○ | 0.39 | 0.51 | 0.60 | 0.72 | 1.01 | 1.24 |
| ø0.8 | ○ | ○ | ○ | ○ | 0.51 | 0.66 | 0.78 | 0.94 | 1.32 | 1.62 |
| ø0.9 | ○ | ○ | ○ | ○ | 0.65 | 0.84 | 0.99 | 1.18 | 1.67 | 2.05 |
| ø1.0 | ○ | ○ | ○ | ○ | 0.80 | 1.03 | 1.22 | 1.46 | 2.07 | 2.53 |
| ø1.1 | ○ | ○ | ○ | ○ | 0.97 | 1.25 | 1.48 | 1.77 | 2.50 | 3.06 |
| ø1.2 | ○ | ○ | ○ | ○ | 1.15 | 1.49 | 1.76 | 2.10 | 2.98 | 3.64 |
| ø1.3 | ○ | ○ | ○ | ○ | 1.35 | 1.75 | 2.07 | 2.47 | 3.49 | 4.28 |
| ø1.4 | ○ | ○ | ○ | ○ | 1.57 | 2.02 | 2.40 | 2.86 | 4.05 | 4.96 |
| ø1.5 | ○ | ○ | ○ | ○ | 1.80 | 2.32 | 2.75 | 3.29 | 4.65 | 5.69 |
| ø1.7 | ○ | ○ | ○ | ○ | 2.31 | 2.99 | 3.53 | 4.22 | 5.97 | 7.31 |
| ø2.0 | ○ | ○ | ○ | ○ | 3.20 | 4.13 | 4.89 | 5.84 | 8.26 | 10.1 |

[Note] The above nozzles are manufactured for specific orifice diameters, therefore spray capacity is not guaranteed.

How to order

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

<Example> 1/8M CRP ø0.6 S303 (AL99)

| Pipe conn. size* | Series | Orifice diameter code | Material |
|------------------|--------|-----------------------|-------------------------|
| 1/8M | CRP | ø0.5 | S303 (AL99): CRP series |
| 1/4M | CCRP | ∅ | S303: CCRP series |
| | | ø2.0 | |

**M" indicates male thread ("R" of the ISO standard) and "F" indicates female thread ("Rc" of the ISO standard), e.g. 1/8M = R1/8.