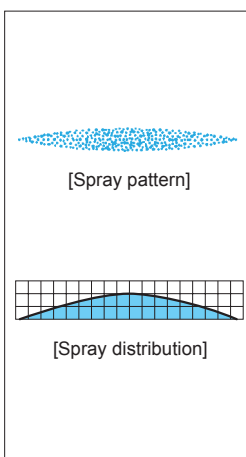
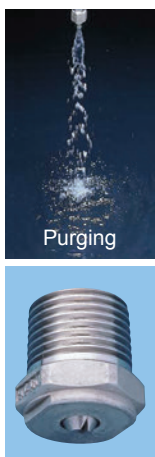


Self-cleaning Flat Spray Nozzles

MOMOJet

Flat Spray



- When the liquid pressure is reduced to 0.03 MPa or lower, the nozzle tip retracts and purges any foreign particles that clog the nozzle. By increasing the water pressure to 0.2 MPa or higher, normal spraying resumes.

- The straight-through orifice makes this nozzle suitable for multi-nozzle set-up.

[STANDARD PRESSURE]

0.3 MPa

[APPLICATIONS]

Cleaning: Paper making (wire, felt parts and rollers), steel plates, PCB

Cooling: Steel plates

Foam breaking: Waste water treatment

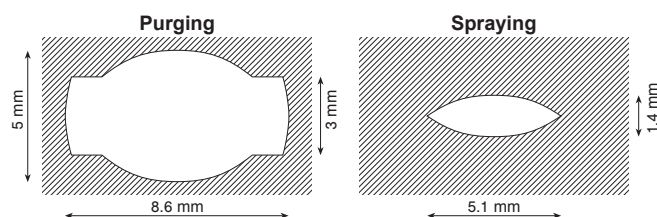
Others: Applications where recirculated water is being used

Structure	• By changing the liquid pressure, a built-in spring moves the split nozzle tip up and down and opens the orifice for purging. • Nozzle tips are made by metal injection molding.
Material	• S303
Weight	• 45 g

Precautions for Use of MOMOJet

When purging, the nozzle tip opens wide and the spray capacity increases.

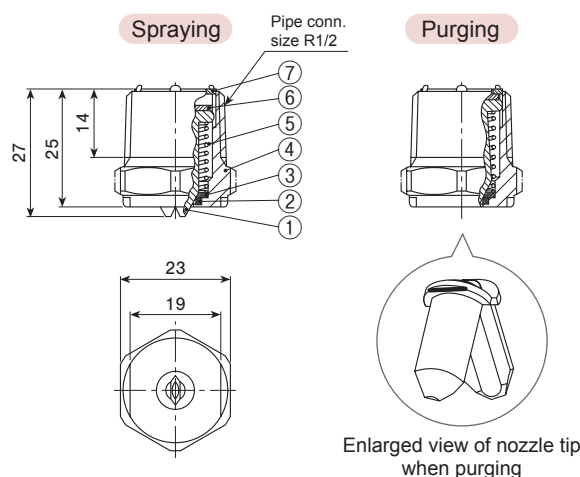
This should be taken into consideration when selecting a pump.



[Note] Appearance and dimensions may differ slightly depending on material and nozzle code.

DRAWING

Unit: mm



- ① Nozzle tip ② Packing (EPDM) ③ Plate ④ Nozzle body
⑤ Spring ⑥ Packing (EPDM) ⑦ Ring

Spray capacity code	Spray angle (°)		Spray capacity (L/min)							Mean droplet diameter (μm)	Free passage diameter	
	0.3 MPa	0.7 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	1.5 MPa	2 MPa		Spraying (mm)	Purging (mm)
20	80	86	1.63	2.00	2.58	3.06	3.65	4.47	5.16	300	0.8	3.0
40	80	83	3.27	4.00	5.16	6.11	7.30	8.94	10.3	?	1.2	3.3
60	80	83	4.90	6.00	7.75	9.17	11.0	13.4	15.5	490	1.3	3.5

Attention:

1. To start spraying, a flow rate of about 9 L/min at 0.02–0.03 MPa is required for all models. Make sure to select an appropriate pump.
2. MOMOJet is designed to start spraying when the pressure is greater than 0.1 MPa. Use MOMOJet at a pressure of 0.2 MPa or higher.
3. Since MOMOJet series nozzles have moving nozzle tips, the spray capacity is only guaranteed within +/-10% and the spray angle within +/-10° at standard pressure.

HOW TO ORDER

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

Example: 1/2 MOMO 8020 S303

1/2* MOMO 80 20 S303

Spray angle code	Spray capacity code	Material
20	20	S303
40	40	
60	60	

*Indicates R1/2, nozzle thread size.

ALSO AVAILABLE!

Self-cleaning
Solid Stream Jet

MOMOJet "C" SERIES

See page 98 of this catalog.