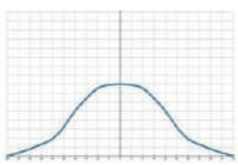
KD/KDMF Plastic full cone nozzle

- Recommended working pressure: 2.0 kgf/cm²
- Flowrate tolerance: ± 5% @ 2.0 ± 0.1 kgf/cm²
- Angle tolerance: ± 5° @ 2.0 ± 0.1 kgf/cm²

【 Top view of nozzle spray pattern 】

【 Flow distribution 】

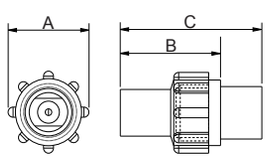


Features

- Full cone spray.
- KDMF adopts a holeless multi-slotted core, possessing a more uniform impact than other standard solid cone nozzles of the same type. It is often used in semiconductor and printed circuit board etching and developing processes where spraying uniformity is extremely demanding.
- KD adopts an X-shaped core, increasing the passage diameter of foreign objects and reduce blockage. It is often used in etching and developing processes for semiconductors and printed circuit boards that require extremely high spray uniformity.
- Two piece nozzle design which includes nozzle and the base allows quick and accurate installation by hand. No rubber Orings are used, and there is no problem of Oring aging, which can extend the service life.

Applications

- Cleaning: Gas, exhaust gas, dust, cleaning device, tank cleaning, etc.
- Cooling: Conveyor belts, gas, tank, machinery, metal, roof, etc.
- Dispersion: Humidifying, chemicals, dust suppression.



Appearance dimensions may vary depending on model, material. Please ask for details.

Material	Serise	Unit (mm)			Thread Type	Weight (g)
		A	B	C		
Plastic	KDMF	31	40.4	57	-	25

Material

- TIP: PVDF
- Base: PVC
- Core: PVC (KDMF), PVDF (KD)

How to pleace an order for LORRIC nozzles?

Example: KDMF 42 45 PVDF

Nozzle Series	Capacity Code	Spray Angle	Material

※ Standard Pressure: Column in red.
※ This product for spray angle 90° and 120° is able to be made to order.

Spray Angle	Capacity Code	Capacity at Pressure									Average particle size (um)	Min. Free Passage (mm)	Filter mesh
		0.7 kgf/cm²	1 kgf/cm²	1.5 kgf/cm²	2 kgf/cm²	4 kgf/cm²	6 kgf/cm²	8 kgf/cm²	10 kgf/cm²	15 kgf/cm²			
45°	42 (KDMF)	2.48	2.97	3.64	4.20	5.94	7.27	8.40	9.39	11.50	-	1.5	-
58°	13 (KD)	3.14	3.75	4.59	5.30	7.50	9.18	10.60	11.85	14.51	420	1.5	-
45°	65 (KDMF)	3.85	4.60	5.63	6.50	9.19	11.26	13.00	14.53	17.80	-	1.5	-

※ For MPa / bar / psi units, please refer to https://www.lorric.com/.