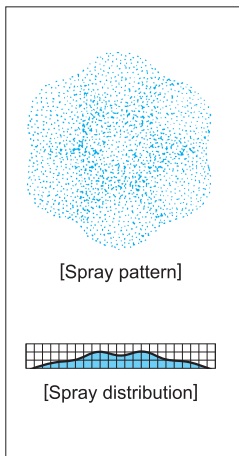


Seven-head Full Cone Spray Nozzles

Extremely fine atomization

7KB

Full Cone



[Features]

- Full cone spray nozzle generating a large volume of fine atomization.
- 7 pcs. of KB series hollow cone spray nozzles are screwed into a very compact header.
- KB series nozzles have ceramic whirl chambers and orifices, which provide excellent wear-resistance.

[Standard Pressure]

0.7 MPa

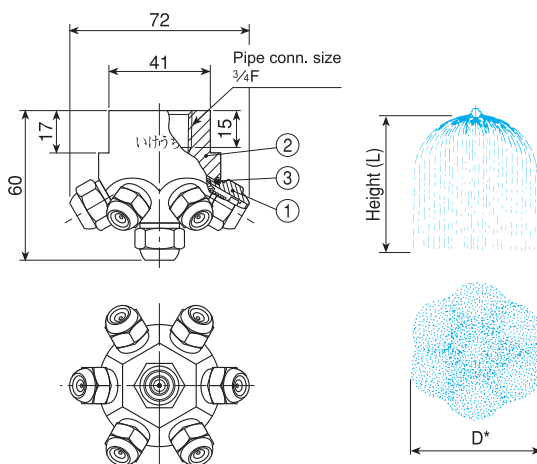
[Applications]

- Gas cooling • Cleaning • Moisture control
- Humidification • Dust suppression

7KB series

7KB series	
Structure	<ul style="list-style-type: none"> • Comprises 7 pcs. of KB series hollow cone spray nozzles (spray angle 60°) and a header. • KB series nozzles are screwed into the header. • Spray orifice and closer are made of ceramics. • Each KB series nozzle is equipped with built-in strainer. Each part can be disassembled.
Material	<ul style="list-style-type: none"> • Spray orifice & closer: ceramic • Metal parts: S303 or B (brass) • Optional material: S316
Mass	<ul style="list-style-type: none"> • S303: 370 g • B (brass): 390 g

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



①KB series nozzle ②Header ③O-ring (NBR)

*Please refer to the chart below for spray dimension D.

Spray Capacity Code	Spray Angle (°)			Spray Dimension D (m)* at each spray height L (at 0.7 MPa)				Spray Capacity (ℓ/min)								Mean Drop. Dia. (μm)	Free Pass. Dia. (mm)	Strainer Mesh Size	
	0.3 MPa	0.7 MPa	1 MPa	L= 0.5 m	L= 1.0 m	L= 1.5 m	L= 2.0 m	0.3 MPa	0.4 MPa	0.5 MPa	0.6 MPa	0.7 MPa	1 MPa	1.2 MPa	1.5 MPa				2 MPa
023	—	180	180	0.51	0.65	0.66	—	—	0.18	0.20	0.22	0.23	0.28	0.31	0.34	0.39	45	0.15	200
054	—	180	180	0.56	0.75	0.80	0.80	—	0.41	0.45	0.50	0.54	0.64	0.70	0.79	0.91	50	0.15	200
124	—	180	180	0.61	0.82	0.88	0.88	—	0.93	1.05	1.15	1.24	1.48	1.62	1.81	2.09	75	0.30	150
544	173	180	180	0.80	1.14	1.32	1.40	3.56	4.11	4.60	5.04	5.44	6.50	7.12	7.96	9.19	∅	0.50	100
1087	174	180	180	0.99	1.37	1.60	1.70	7.12	8.22	9.19	10.1	10.9	13.0	14.2	15.9	18.4	210	0.60	100

[Note] 7KB series nozzles are guaranteed only for spray capacity under the standard pressure.

How to order

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

<Example>... 3/4F7KB023S303

