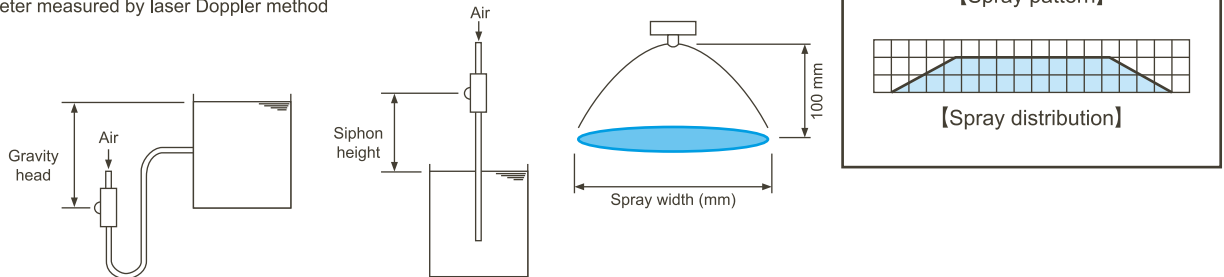


CBIMV-S (Flat Spray)

Features

- Pneumatic spray nozzle producing fine atomization with a mean droplet diameter of 30 μm or less.*1
- Flat spray pattern.
- Liquid siphon feed type (liquid pressure device is not required).
- Even spray distribution across the entire spray area.

*1) Droplet diameter measured by laser Doppler method



Spray angle code *2	Air consumption code	Air pressure (MPa)	Air consumption (ℓ/min, Normal)	Spray capacity (ℓ/hr)					Spray width*3 (mm)	Mean droplet diameter (μm) Laser Doppler method	Free passage dia. (mm)		
				Gravity head (mm)		Siphon height (mm)					Spray orifice	Adaptor	
				+300	+100	-100	-300	-500				Liquid	Air
80	005S	0.2	3.75	0.4	0.38	0.36	0.34	0.32	160	20-30	0.2	0.4	0.3
		0.3	5.0	0.29	0.27	0.25	0.23	0.21	165				
		0.4	6.25	0.16	0.15	0.13	0.11	0.1	170				
	01S	0.2	7.5	0.74	0.68	0.65	0.61	0.57	160	20-30	0.2	0.6	0.5
		0.3	10	0.55	0.52	0.5	0.47	0.43	165				
		0.4	12.5	0.38	0.34	0.3	0.27	0.25	170				
	02S	0.2	15	1.4	1.3	1.2	1.2	1.1	160	20-30	0.3	0.9	0.7
		0.3	20	1.1	1.0	1.0	0.9	0.9	165				
		0.4	25	0.7	0.7	0.6	0.6	0.5	170				

*2) Spray angle measured at compressed air pressure of 0.3 MPa and liquid siphon height of 100 mm.

*3) Measured at 100 mm from nozzle and liquid siphon height of 100 mm.

How to order

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

Liquid Pressure Type

<Example> CBIMV 80005 S303 + CSP S303

CBIMV	80	005	S303 +	CSP	S303
Nozzle series	Spray angle code	Air consumption code		Type of adaptor	
■CBIMV	■110	■005		■CSP	
■CBIMJ	■80	■01		■CSN	
	■45	■02			
	■20				

Liquid Siphon Type

<Example> CBIMV 80005S S303 + CSP S303

CBIMV	80	005S	S303 +	CSP	S303
		Air consumption code		Type of adaptor	
		■005S		■CSP	
		■01S		■CSN	
		■02S			

Details of adaptors are shown on [page 25](#).

Adaptor type CSP is used in the same way as SPB. Adaptor type CSN is used in the same way as SNB.