

A series of nozzles for 15°



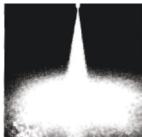
single type(BBW)

BB Series narrow angle nozzles feature a full cone spray pattern with a round impact area and spray angles of 30° or 15°.

They produce a uniform distribution of medium to large sized drops and provide significantly higher impact per unit area than wider angle nozzles at the same flow rate, and all have removable vanes.

The size 1/8" and 1-1/4" are made from steel bar while size 1-1/4 and larger are cast-in-block. Unique vane design provides superior control and uniform distribution.

Performance data



Nozzle Inlet Conn. NPT or BSPT	Nozzle Type	Capacity Size	Rated Orifice Dia. (mm)	Capacity (L/min)										Spray angle		
				0.7 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	20 bar	0.7 bar	3 bar	7 bar
1/8	● ●	1507	1.6	1.3	2.0	2.3	2.8	3.2	3.6	3.9	4.2	5.0	7.1	13°	15°	15°
	● ●	1514	2.4	2.7	3.9	4.5	5.5	6.4	7.1	7.8	8.4	10.1	14.3	13°	15°	15°
1/4	● ●	1530	3.2	5.7	8.4	9.7	11.8	13.7	15.3	16.7	18.1	22	31	13°	15°	15°
3/8	● ●	1550	4.4	9.5	14.0	16.1	19.7	23	25	28	30	36	51	116°	15°	15°
1/2	● ●	1590	5.6	17.2	25	29	36	41	46	50	54	65	92	13°	15°	15°

ordering info

BBW 1/8 — SS 1507

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single nozzle type Inlet size material code capacity size

A series of nozzles for 30°



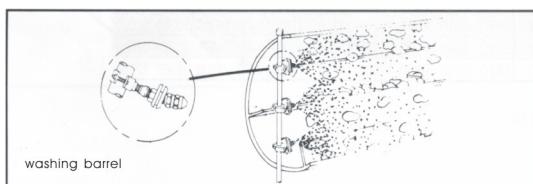
single type(BBG)

Performance data

Nozzle Inlet Conn. NPT or BSPT	Nozzle Type	Capacity Size	Rated Orifice Dia. (mm)	Capacity(L/min)										Spray angle		
				1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	15 bar	20 bar	0.5 bar	1.5 bar	6 bar
1/8	● ●	3001.4	0.79	0.32	0.45	0.55	0.64	0.71	0.78	0.84	1.0	1.2	1.4	17°	30°	31°
	● ●	3002.5	0.79	0.57	0.81	0.99	1.1	1.3	1.4	1.5	1.8	2.2	2.5	17°	30°	32°
	● ●	3004	1.2	0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	3.5	4.1	26°	30°	32°
	● ●	3007	1.6	1.6	2.3	2.8	3.2	3.6	3.9	4.2	5.0	6.2	7.1	23°	30°	30°
1/4	● ●	3009	2.0	2.1	2.9	3.6	4.1	4.6	5.0	5.4	6.5	7.9	9.2	23°	30°	30°
3/8	● ●	3014	2.4	3.2	4.5	5.5	6.4	7.1	7.8	8.4	10.1	12.4	14.3	25°	30°	30°
1/2	● ●	3030	3.2	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	26	31	26°	30°	31°
3/4	● ●	3050	4.4	11.4	16.1	19.7	23	25	28	30	36	44	51	26°	30°	31°

common application

- Cleaning and washing that requires deep penetration and / or spray induced turbulence
- Desuperheating of stream
- cleaning and cooling the inside of ducts and pipes



ordering info

BBG 1/8 — SS — 3001.4

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Single nozzle type Inlet size Material code Capacity size