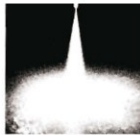


# CC NOZZLE

## Narrow angle nozzles for 15°



fission type(BBG)



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 cap and 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. The narrow angle nozzle is made of thick and thin process, which realizes the accurate specification to ensure the best performance. Unique vane design provides superior control and uniform distribution.

### Performance data

\* in the specified pressure(bar)

Nozzle inlet connect (in.)	Nozzle type			Capacity Size	Rated Orifice Dia. (mm)	Capacity(l/min)*															Spray Angle(°)*		
	BG-15	BBG-15	B-15			0.7	1.5	2	3	4	6	7	10	15	20	0.7	3	7					
	1/8	•	•				1507	1.6	1.3	2.0	2.3	2.8	3.2	3.9	4.2	5.0	6.2	7.1	13	15	15		
	•	•		1514	2.4	2.7	3.9	4.5	5.5	6.4	7.8	8.4	10.1	12.4	14.3	13	15	15					
1/4	•	•		1530	3.2	5.7	8.4	9.7	11.8	13.7	16.8	18.1	22	26	31	13	15	15					
	•	•		1550	4.4	9.5	14.0	16.1	19.7	23	28	30	36	44	51	13	15	15					
3/8	•	•		1590	5.6	17.2	25	29	36	41	50	54	65	79	92	13	15	15					
1/2	•	•		15150	7.5	29	42	48	59	68	84	90	108	132	153	13	15	15					
3/4			•	15280	9.9	53	78	90	111	128	156	169	202	247	285	13	15	15					
1			•	15430	12.3	82	120	139	170	196	240	259	310	380	438	14	15	15					
1-1/4			•	15630	15.1	120	176	203	249	288	352	381	455	557	643	14	15	15					
2			•	151150	20.2	219	321	371	454	524	642	694	829	1015	1172	14	15	15					
2-1/2			•	151750	24.6	334	489	564	691	798	977	1055	1261	1545	1784	14	15	15					
3			•	152500	29.4	477	698	806	987	1140	1396	1508	1802	2207	2548	14	15	15					
4			•	154500	39.7	658	1000	1151	1411	1631	1961	2111	2541	3071	3501	14	15	15					
5			•	157000	48.8	835	1255	1451	1777	2051	2513	2714	3244	3973	4587	14	15	15					

## Narrow angle nozzles for 30°

### Performance data

\* in the specified pressure(bar)

Nozzle inlet connect (in.)	Nozzle type			Capacity Size	Rated Orifice Dia. (mm)	Capacity(l/min)*															Spray Angle(°)*		
	BG-30	BBG-30	BB-30			1	1.5	2	3	4	6	7	10	15	20	1	3	7					
	1/8	•	•				3001.4	.79	.32	.39	.45	.55	.64	.78	.84	1.0	1.2	1.4	17	30	31		
	•	•		3002.5	.79	.57	.70	.81	.99	1.1	1.4	1.5	1.8	2.2	2.5	17	30	32					
	•	•		3004	1.2	.91	1.1	1.3	1.6	1.8	2.2	2.4	2.9	3.5	4.1	26	30	32					
	•	•		3007	1.6	1.6	2.0	2.3	2.8	3.2	3.9	4.2	5.0	6.2	7.1	23	30	30					
1/4	•	•		3009	2.0	2.1	2.5	2.9	3.6	4.1	5.0	5.4	6.5	7.9	9.2	23	30	30					
3/8	•	•		3014	2.4	3.2	3.9	4.5	5.5	6.4	7.8	8.4	10.1	12.4	14.3	25	30	30					
1/2	•	•		3030	3.2	6.8	8.4	9.7	11.8	13.7	16.8	18.1	22	26	31	26	30	31					
3/4	•	•		3050	4.4	11.4	14.0	16.1	19.7	23	28	30	36	44	51	26	30	31					
1			•	3070	5.2	16.0	19.5	23	28	32	39	42	50	62	71	27	30	30					
			•	30100	6.4	23	28	32	39	46	56	60	72	88	102	27	30	30					
1-1/4			•	30150	7.5	34	42	48	59	68	84	90	108	132	153	27	30	30					
			•	30200	8.7	46	56	64	79	91	112	121	144	177	204	27	30	30					
1-1/2			•	30250	9.5	57	70	81	99	114	140	151	180	221	255	27	30	30					
			•	30300	10.3	68	84	97	118	137	168	181	216	265	306	27	30	30					
2			•	30350	11.1	80	98	113	138	160	195	211	252	309	357	28	30	30					
			•	30400	11.9	91	112	129	158	182	223	241	288	353	408	28	30	30					
			•	30500	13.5	114	140	161	197	228	279	302	360	441	510	28	30	30					
			•	30600	14.7	137	168	193	237	274	335	362	432	530	612	28	30	30					
			•	30700	15.9	160	195	226	276	319	391	422	505	618	714	28	30	30					
2-1/2			•	301000	19.1	228	279	322	395	456	558	603	721	883	1019	28	30	30					
			•	301100	19.8	251	307	355	434	501	614	663	793	971	1121	28	30	30					
			•	301200	20.6	274	335	387	474	547	670	724	865	1059	1223	28	30	30					



fission type(BBG)



fission type(BB)



single type(BB)

### ordering info

**BBG 1/8 — SS 1507**

↓   ↓   ↓   ↓  
single nozzle type   Inlet size   material code   capacity size

### ordering info

**BBG 1/8 — SS — 3001.4**

↓   ↓   ↓   ↓  
Single nozzle type   Inlet size   Material code   Capacity size