



Type 15°/30°



Design Features

- Spray Angle : 15°/30°
- Spray Pattern : Flat spray pattern distributes the liquid as a flat - or sheet-type spray.
- Drops : Small- to medium-size, uniform distribution over a wide range of flow rates and pressure.
- Material : BRASS/SS
- Features : Except BH type, all models are designed with removable cap, which is convenient for maintenance and cleaning; The internal design of blades and large flow channels ensures and controls the uniform distribution of spray.

Applications

- Water aeration
- Fire prevention
- Metal treating
- Air and gas washers

Order Info

BBG - 1/4 - SS - 15 - 30

Nozzle Type	Inlet Conn	Material Code	Spray Angle
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For NPT threaded connections, add the letter "N" before the nozzle connection size.

BG-15



Removable Cap Type
(internal thread)

BBG-15



Removable Cap Type
(External Thread)

BH-15



Integral Casting Type
(Inside)

BG-30



Removable Cap Type
(Inside)

BBG-30



Removable Cap type
(Outer)

BH-30



Integral Casting Type
(Inside)

Performance State

· Type 15°

At the stated pressure in bar.

Inlet Conn. (in.)	Nozzle Type			Capacity Size	Orifice (mm)	Flow Rate Capacity (L/min)												Spray Angle (°)		
	BG-15	BBG-15	BH-15			0.7bar	1.5bar	2bar	3bar	4bar	6bar	7bar	10bar	15bar	20bar	0.7bar	3bar	7bar		
1/8	●	●		07	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		
1/8	●	●		14	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	●	●		30	3.2	5.7	8.4	9.7	11.8	13.7	16.8	18.1	22	26	31	13	15	15		
3/8	●	●		50	4.4	9.5	14.0	16.1	19.7	23	28	30	36	44	51	13	15	15		
1/2	●	●		90	5.6	17.2	25	29	36	41	50	54	65	79	92	13	15	15		
3/4			●	150	7.5	29	42	48	59	68	84	90	108	132	153	13	15	15		
1			●	280	9.9	53	78	90	111	128	156	169	202	247	285	13	15	15		

· Type 30°

At the stated pressure in bar.

Inlet Conn. (in.)	Nozzle Type			Capacity Size	Orifice (mm)	Flow Rate Capacity (L/min)												Spray Angle (°)		
	BG-30	BBG-30	BBH-30			1bar	1.5bar	2bar	3bar	4bar	6bar	7bar	10bar	15bar	20bar	1bar	3bar	7bar		
1/8	●	●		1.4	0.79	0.32	0.39	0.45	0.55	0.64	0.78	0.84	1.0	1.2	1.4	17	30	31		
	●	●		2.5	0.79	0.57	0.70	0.81	0.99	1.1	1.4	1.5	1.8	2.2	2.5	17	30	32		
	●	●		04	1.2	0.91	1.1	1.3	1.6	1.8	2.2	2.4	2.9	3.5	4.1	26	30	32		
	●	●		07	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	●	●		09	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	●	●		14	2.1	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	●	●		30	3.2	6.8	8.4	9.7	11.8	13.7	16.8	18.1	22	26	31	26	30	31		
3/4			●	50	4.4	11.4	14.0	16.1	19.7	23	28	30	36	44	51	26	30	31		
1			●	70	5.2	16.0	19.5	23	28	32	39	42	50	62	71	27	30	30		
			●	100	6.4	23	28	32	39	46	56	60	72	88	102	27	30	30		