

หัวฉีดแบบทั่วไป

Hollow cone spray nozzle



Features

Hollow cone spray pattern with a ring shaped impact area. BAA Series product a small to medium sized drops at a wide range of flow rates and pressure. The ideal choice for applications requiring good atomization of liquids at lower pressures or when quick heat transfer or effective airborne droplet impingement.

Application

- CGas washing and gas cooling
- Water cooling
- Dust control
- Metal Treating
- Chemical Reaction Treating



Dimension

Dimension	Model	Thread Size	A (mm)	B (mm)	C (mm)	D (mm)	L (mm)	Weight (g)
	AA (Male)	1/8	22.5	16	12	20	30.5	40
		1/4	25.5	19	13.5	23	35	70
		3/8	28.5	22.5	17.5	28.5	40	110
		1/2	35	28.5	21.5	36	49.5	200
		3/4	41.5	32	24	40	57.5	310
	A (Female)	1/8	17.5	16	12	20	25.5	40
		1/4	22.5	19	13.5	23	32	80
		3/8	26.5	22.5	17.5	28.5	37.5	120
		1/2	35	28.5	21.5	36	49.5	250
		3/4	40	32	24	40	57.5	310

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Specifications

Size	Spray Code	Body Inlet Dia. (mm)	Orifice Dia. (mm)	Spray Angle			Spray Capacity (L/min)									
				0.5 Bar	1.5 Bar	6 Bar	0.2 Bar	0.5 Bar	1 Bar	1.5 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar
1/8	0.5	0.79	1.2		58°	69°		0.16	0.23	0.28	0.32	0.39	0.46	0.51	0.56	0.6
	1	1.6	1.6		64°	76°		0.32	0.46	0.56	0.61	0.79	0.91	1.1	1.1	1.2
	2	2.0	2.0	52°	61°	69°		0.64	1.91	1.1	1.3	1.6	1.8	2.0	2.2	2.4
	3	2.4	2.4	52°	64°	77°		0.97	1.4	1.7	1.9	2.4	2.7	3.1	3.3	3.6
	5	3.2	3.2	56°	67°	76°	1.0	1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.0
	8	4.0	4.0	56°	65°	70°	1.6	2.6	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6
	10	4.4	4.4	55°	65°	72°	2.0	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1
1/4	1	1.6	1.6		63°	67°		0.46	0.56	0.64	0.79	0.91	1.0	1.1	1.2	
	2	2.0	2.0		62°	71°		0.64	0.91	1.1	1.3	1.6	1.8	2.0	2.2	2.4
	3	2.4	2.4	51°	65°	78°		0.97	1.4	1.7	1.9	2.4	2.7	3.1	3.3	3.6
	5	3.6	3.6	63°	73°	79°	1.0	1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.0
	8	4.0	4.0	61°	69°	73°	1.6	2.6	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6
	10	4.8	4.4	63°	70°	74°	2.0	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1
	15	5.9	5.2	63°	71°	72°	3.1	4.8	6.8	8.4	9.7	11.8	13.7	15.1	16.7	18.1
3/8	5	3.6	3.2	64°	73°	79°	1.0	1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.0
	8	4.4	4.0	62°	70°	74°	1.6	2.6	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6
	10	5.2	4.4	64°	72°	75°	2.0	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1
	15	5.9	5.6	64°	72°	74°	3.1	4.6	6.8	8.4	9.7	11.8	13.7	15.3	16.7	18.1
	20	7.1	6.4	63°	70°	74°	4.1	6.4	9.1	11.2	12.9	15.8	18.2	20	22	24
	25	7.5	7.5	63°	70°	74°	5.1	8.1	11.4	14.0	16.1	19.7	23	25	28	30
	30	8.3	7.9	63°	70°	74°	6.1	9.7	13.7	16.7	19.3	24	27	31	33	36
1/2	25	9.5	6.4	63°	66°	71°	5.1	8.1	11.4	14.0	16.1	19.7	23	25	28	30
	30	9.5	7.5	67°	71°	75°	6.1	9.7	13.7	16.7	19.3	24	27	31	33	36
	40	9.5	9.1	72°	76°	78°	8.2	12.9	18.2	22	26	32	36	41	45	48
	50	9.5	11.1	74°	79°	82°	10.2	16.1	23	28	32	39	46	51	56	60
	60	9.5	13.1	77°	82°	86°	12.2	19.3	27	33	39	47	55	61	67	72

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Specifications

Size	Spray Code	Body Inlet Dia. (mm)	Orifice Dia. (mm)	Spray Angle			Spray Capacity (L/min)										
				0.5 Bar	1.5 Bar	6 Bar	0.2 Bar	0.5 Bar	1 Bar	1.5 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	
1/8	0.5-0.5W	0.79	1.2		117°	98°			0.23	0.28	0.32	0.39	0.46	0.51	0.56	0.6	
	1-1W	1.6	1.6		125°	110°			0.46	0.56	0.64	0.79	0.91	1.0	1.1	1.2	
	2-3W	2.0	2.0	114°	114°	97°			0.81	1.1	1.4	1.6	2.0	2.3	2.5	2.8	2.9
	3-3W	2.4	2.4	114°	114°	97°			0.97	1.4	1.7	1.9	2.4	2.7	3.1	3.3	3.7
	3-5W	2.4	3.2	116°	110°	95°			1.1	1.5	1.9	2.2	2.7	3.1	3.5	3.8	4.0
	2-10W	2.0	4.4	130°	135°	120°			1.3	1.9	2.3	2.6	3.2	3.7	4.2	4.6	5.0
	5-5W	3.2	3.2	116°	110°	92°			1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.5	6.1
	5-10W	3.2	4.4	126°	121°	95°	1.3	2.1	3.0	3.6	4.2	5.1	5.9	6.6	7.3	7.9	
1/4	8-10W	4.0	4.4	124°	112°	90°	1.8	2.9	4.1	5.0	5.8	7.1	8.2	9.2	10.0	10.8	
	1-1W	1.6	1.6		117°	111°			0.46	0.56	0.64	0.79	0.91	1.0	1.1	1.2	
	1-5W	1.6	3.2		123°	124°			0.77	0.95	1.1	1.3	1.5	1.7	1.9	2.0	
	1-10W	1.6	4.4		144°	139°			0.96	1.2	1.4	1.7	1.9	2.1	2.3	2.5	
	1-15W	1.6	5.6		128°	132°			1.1	1.3	1.5	1.9	2.2	2.4	2.7	2.9	
	2-5W	2.0	3.2	118°	123°	113°			1.1	1.5	1.9	2.2	2.7	3.1	3.5	3.8	4.0
	2-10W	2.0	4.4	138°	136°	126°			1.3	1.9	2.3	2.6	3.2	3.7	4.2	4.6	5.0
	5-5W	3.6	3.2	114°	113°	104°			1.6	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.1
	5-10W	3.6	4.4	130°	130°	119°	1.3	2.1	3.0	3.6	4.2	5.1	5.9	6.6	7.3	7.9	
	5-15W	3.6	5.6	130°	132°	120°	1.6	2.5	3.5	4.3	5.0	6.1	7.0	7.8	8.6	9.3	
	8-10W	4.0	4.4	129°	122°	103°	1.8	2.9	4.1	5.0	5.8	7.1	8.2	9.2	10.0	10.8	
	10-10W	4.8	4.4	120°	108°	95°	2.0	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.2	
	8-15W	4.0	5.6	129°	122°	107°	2.2	3.5	5.0	6.1	7.1	8.7	10.0	11.2	12.3	13.2	
	10-15W	4.8	5.6	120°	108°	97°	2.4	3.9	5.5	6.7	7.7	9.5	10.9	12.2	13.4	14.6	
	15-15W	4.0	5.6	101°	95°	90°	3.0	4.8	6.8	8.4	9.7	11.8	13.7	15.3	16.7	18.0	
	3/8	5-10W	4.8	4.4	130°	123°	102°	1.3	2.1	3.0	3.6	4.2	5.1	5.9	6.6	7.3	7.9
5-15W		6.0	5.6	138°	131°	112°	1.6	2.5	3.5	4.3	5.0	6.1	7.0	7.8	8.6	9.3	
8-10W		3.6	4.4	122°	110°	96°	1.8	2.9	4.1	5.0	5.8	7.1	8.2	9.2	10.0	10.8	
10-10W		3.6	4.4	116°	108°	93°	2.0	3.2	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.2	
8-15W		4.4	5.6	133°	120°	105°	2.2	3.5	5.0	6.1	7.1	8.7	10.0	11.2	12.3	13.2	
10-15W		5.2	5.6	126°	115°	100°	2.4	3.9	5.5	6.7	7.7	9.5	10.9	12.2	13.4	14.6	
8-25W		4.4	7.5	122°	118°	109°	2.6	4.2	5.9	7.3	8.4	10.3	11.9	13.3	14.5	15.6	
10-20W		5.2	6.0	118°	112°	102°	2.9	4.5	6.4	7.8	9.0	11.1	12.8	14.3	15.6	16.9	
15-15W		6.0	5.6	116°	106°	95°	3.0	4.8	6.8	8.4	9.7	11.8	13.7	15.3	16.7	18.0	
15-20W		6.0	6.0	113°	108°	98°	3.4	5.5	7.7	9.5	11.0	13.4	15.5	17.3	16.0	20.4	
20-20W		7.1	6.0	106°	102°	95°	4.1	6.4	9.1	11.2	12.9	15.8	18.2	20	22	24	
15-30W		6.0	7.9	116°	110°	102°	4.5	7.1	10	12.3	14.2	17.4	20	22	25	27	
25-25W	7.5	7.5	105°	100°	93°	5.1	8.1	11.4	14.0	16	19	23	25	28	30		
25-30W	7.5	7.9	105°	101°	94°	5.7	9.0	12.8	15.6	18	22	26	29	31	34		
1/2	50-50W	9.5	11.1	110°	102°	93°	10.2	16.1	23	28	32	39	46	51	56	61	

How to order Please order for a specific nozzle on this coding system

(Example)

3/8M

Pipe Size

BAA

Model

10

Spray Code

S303

Material

*Material Available:
Stainless Steel: S316
Brass

* Model AA for Male and A for Female