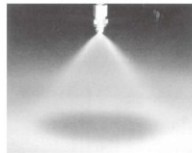


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AD Series



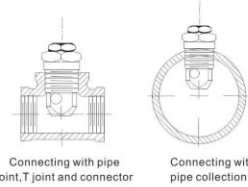
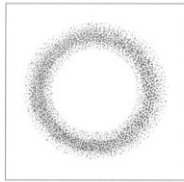
Design features of beeline type hollow cone-shaped spray nozzle

Beeline type hollow cone-shaped spray nozzle can produce hollow cone-shaped spraying, and spray area is annular with its uniform distribution.

The nozzles spray into small liquid droplets and can avoid clogging with its large and easy passing routeway.

The spray cap can be interchanged between pipes of different size. It can produce a spray pattern of wide spray angle.

The section projection of this beeline nozzle is a bit of low when it's connected with T joint or pipe collection, it's widely used in coal ash control.



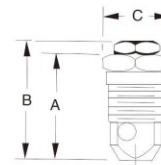
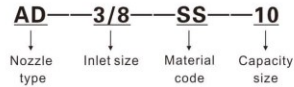
Connecting with pipe joint, T joint and connector

Connecting with pipe collection

size and weight

Nozzle type	A (mm)	B (mm)	C (mm)	Net weight (Kilogram)
3/8AD-	28	32	17.5six angles	0.03
1/2AD-	32.5	37.5	22.2six angles	0.06
3/4AD-	38	44.5	27.0six angles	0.11
1 1/2AD-	60.5	66.5	50.8six angles	0.60

ordering info



Performance data

Nozzle Inlet Conn. NPT or BSPT(out)	Nozzle Type	Capacity Size	Inlet Dia. No. Size (mm)	Rated Orifice Dia. (mm)	Capacity (L/min)												Spray angle		
					0.2 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	0.5 bar	1.5 bar	6 bar	
3/8	● 2	2.4	2.0				0.76	0.91	1.1	1.3	1.6	1.8	2.0	2.2	2.4			60°	70°
	● 3	2.4	2.4		0.96	1.1	1.4	1.7	1.9	2.4	2.7	3.1	3.3	3.6	52°	64°	77°		
	● 5	2.8	3.2	1.0	1.6	1.9	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.0	56°	67°	76°		
	● 8	4.0	4.0	1.6	2.6	3.1	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6	56°	65°	70°		
	● 10	4.0	4.4	2.0	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1	55°	65°	72°		
1/2	● 20-10	*4.0	4.4		4.5	5.3	6.4	7.8	9.0	11.1	12.8	14.3	15.6	16.9	61°	65°	67°		
	● 5	3.2	3.6	1.0	1.6	1.9	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.0	63°	73°	79°		
	● 8	4.0	4.0	1.6	2.6	3.1	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6	61°	69°	73°		
	● 10	4.4	4.4	2.0	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1	63°	70°	74°		
	● 15	*4.4	5.2	3.1	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	18.1	60°	67°	70°		
3/4	● 20	*4.8	6.0	4.1	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20	22	24	63°	65°	69°		
	● 25	*5.2	7.1	5.1	8.1	9.5	11.4	14.0	16.1	19.7	23	25	28	30	59°	63°	68°		
	● 5	3.6	3.2	1.0	1.6	1.9	2.3	2.8	3.2	3.9	4.6	5.1	5.6	6.0	64°	73°	79°		
	● 8	4.4	4.0	1.6	2.6	3.1	3.6	4.5	5.2	6.3	7.3	8.2	8.9	9.6	62°	70°	74°		
	● 10	5.2	4.4	2.0	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.1	64°	72°	75°		
1-1/2	● 15	6.4	5.6	3.1	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	18.1	64°	72°	74°		
	● 20	7.1	6.4	4.1	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20	22	24	63°	70°	74°		
	● 25	7.1	7.5	5.1	8.1	9.5	11.4	14.0	16.1	19.7	23	25	28	30	63°	70°	74°		
	● 50-50.3	*7.1	9.5	10.2	16.1	19.1	23	28	32	39	46	51	56	60	70°	72°	73°		
	● 40	*9.5	7.9	8.2	12.9	15.3	18.2	22	26	32	36	41	45	48	70°	73°	74°		
1-1/2	● 50	*9.5	9.5	10.2	16.1	19.1	23	28	32	39	46	51	56	60	72°	75°	77°		
	● 60	*9.5	11.1	12.2	19.3	23	27	33	39	47	55	61	67	72	74°	76°	79°		
	● 70	*9.5	12.7	14.3	23	27	32	39	45	55	64	71	78	84	76°	79°	83°		
	● 80	*9.5	14.3	16.3	26	31	36	45	52	63	73	82	89	96	78°	82°	84°		
	● 90	*9.5	14.7	18.3	29	34	41	50	58	71	82	92	100	109	81°	84°	84°		
	● 100	*9.5	15.9	20	32	38	46	56	64	79	91	102	112	121	83°	86°	86°		
	● 110	*9.5	17.1	22	35	42	50	61	71	87	100	112	123	133	85°	88°	88°		
● 120	*9.5	18.3	24	39	46	55	67	77	95	109	122	134	145	87°	90°	90°			

A Series Common Nozzle