

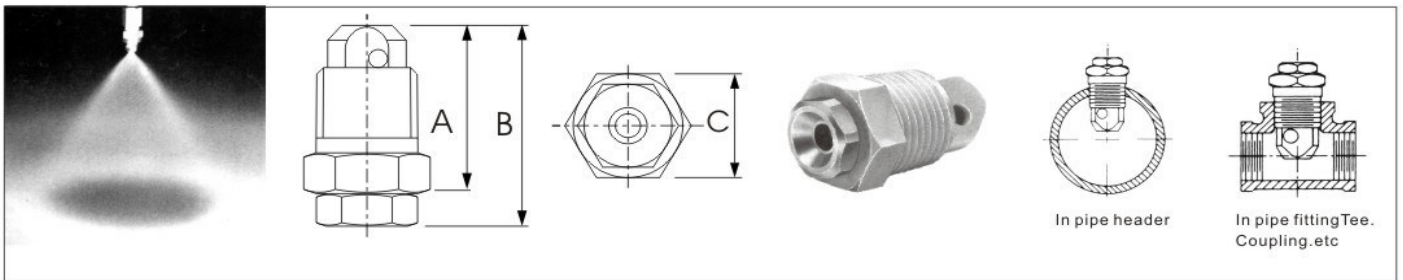
AD beeline type hollow cone-shaped spray nozzles

DESIGN FEATURES

In-line style 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 dust suppression.

Size and weight

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



PERFORMANCE DATA

Nozzle Inlet Conn. NPT or BSPT(out)	Nozzle Type	Capacity size	Body Inlet Diam. No. Size (mm)	Orifice Diam. Nom. (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	20.0	22.0	24.0	63°	65°	69°	
	●	25	*5.2	7.1	5.1	8.1	9.5	11.4	14.0	16.1	19.7	23.0	25.0	28.0	30.0	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	20.0	22.0	24.0	63°	70°	74°	
	●	25	7.1	7.5	5.1	8.1	9.5	11.4	14.0	16.1	19.7	23.0	25.0	28.0	30.0	63°	70°	74°	
	●	50-50.3	7.1	9.5	10.2	16.1	19.1	23.0	28.0	32.0	39.0	46.0	51.0	56.0	60.0	70°	72°	73°	
	●	40	*9.5	7.9	8.2	12.9	15.3	18.2	22.0	26.0	32.0	36.0	41.0	45.0	48.0	70°	73°	74°	
	●	50	*9.5	9.5	10.2	16.1	19.1	23.0	28.0	32.0	39.0	46.0	51.0	56.0	60.0	72°	75°	77°	
	●	60	*9.5	11.1	12.2	19.3	23.0	27.0	33.0	39.0	47.0	55.0	61.0	67.0	72.0	74°	76°	79°	
	●	70	*9.5	12.7	14.3	23.0	27.0	32.0	39.0	45.0	55.0	64.0	71.0	78.0	84.0	76°	79°	83°	
	●	80	*9.5	14.3	16.3	26.0	31.0	36.0	45.0	52.0	63.0	73.0	82.0	89.0	96.0	78°	82°	84°	
	●	90	*9.5	14.7	18.3	29.0	34.0	41.0	50.0	58.0	71.0	82.0	92.0	100.0	109.0	81°	84°	84°	
1-1/2	●	100	*9.5	15.9	20.0	32.0	38.0	46.0	56.0	64.0	79.0	91.0	102.0	112.0	121.0	83°	86°	86°	
	●	110	*9.5	17.1	22.0	35.0	42.0	50.0	61.0	71.0	87.0	100.0	112.0	123.0	133.0	85°	88°	88°	
	●	120	*9.5	18.3	24.0	39.0	46.0	55.0	67.0	77.0	95.0	109.0	122.0	134.0	145.0	87°	90°	90°	

*Dual inlets, each in diameter specified.

ORDERING INFORMATION

