

TYPE.KAE HOLLOW CONE SPRAY NOZZLE

Data Sheet 23021601 Rev.01

SPRAY CHARACTERISTICS

Uniform distribution of droplets in a hollow cone spray pattern

Create finer particles by increasing pressure

NOZZLE PROPERTIES

Two piece assembly with 90° outlet

Available in a range of BSPT thread sizes

Standard material availability of Brass, 303 and 316 Stainless Steel

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Capacity Chart

NOZZLE NUMBER	THREAD SIZE	SPRAY ANGLE @ 3 BAR	FLOW RATE IN LITRES/MIN AT Bar.G						
			1	2	3	4	5	6	7
2	1/8" 1/4"	70°	0.46	0.64	0.79	0.91	1.0	1.10	1.20
4	1/8" 1/4"	70°	0.92	1.30	1.60	1.80	2.0	2.20	2.40
6	1/8" 1/4"	70°	1.30	1.90	2.40	2.70	3.10	3.40	3.60
10	1/8" 1/4"	70°	2.30	3.20	3.90	4.60	5.10	5.60	6.0
15	1/4" 3/8"	70°	3.40	4.80	5.90	6.80	7.60	8.40	9.0
20	1/4" 3/8"	70°	4.50	6.40	7.90	9.10	10.20	11.20	12.10
25	1/4" 3/8"	70°	5.70	8.10	9.90	11.40	12.70	14.0	15.10
30	1/4" 3/8"	70°	6.90	9.70	11.80	13.70	15.30	16.80	18.10
40	1/2"	65°	9.10	12.90	15.80	18.20	20.40	22.30	24.10
50	1/2"	75°	11.40	16.10	19.70	22.80	25.50	27.90	30.20
60	1/2"	75°	13.60	19.30	23.70	27.30	30.60	33.50	36.20
80	1/2" 3/4"	65°	18.20	25.80	31.60	36.50	40.80	44.70	48.20
100	1/2" 3/4"	75°	22.80	32.20	39.50	45.60	41.0	55.80	60.30
125	1/2" 3/4"	85°	28.50	40.30	49.40	57.0	63.70	69.80	75.40
150	3/4" 1"	95°	34.20	48.30	59.20	68.40	76.40	83.70	90.50
200	3/4" 1"	80°	45.60	64.50	79.0	91.20	102.0	112.0	121.0
250	1"	70°	57.0	80.70	98.80	114.10	128.0	140.0	151.0
300	1"	75°	68.40	96.80	119.0	137.0	153.0	168.0	181.0
350	1"	80°	79.80	113.0	138.0	160.0	179.0	196.0	211.0

Dimensions and Weights

DIMENSIONS (mm)				WEIGHT (g)
THREAD	A Sq.	B	C	
1/8"	15.9	25.4	16.2	25
1/4"	15.9	28.5	20.8	45
3/8"	19.0	35.0	23.9	75
1/2"	25.4	44.5	31.5	150
3/4"	31.8	57.2	38.5	290
1"	38.1	76.0	46.6	575

