

TYPE.KAN V JET (FLAT) SPRAY NOZZLE

Data Sheet 25111501 Rev.01

SPRAY CHARACTERISTICS

Produces a wide uniform flat spray pattern
120° nominal spray angle
Low impact spray with minimal atomisation at lower pressures

NOZZLE PROPERTIES

One piece body with hexagon profile
Available in a range of BSPT thread sizes
Large free passage way, more resistant to clogging
Standard material availability of Brass, 303 and 316 Stainless Steel

KAITE

tel: **+44 (0) 1744 607361**

email: **sales@kaite.eu**

web: **kaite.eu**



Capacity Chart

NOZZLE NUMBER	THREAD SIZE	ORIFICE DIA (mm)	FLOW RATE IN LITRES/MIN AT Bar.G							SPRAY ANGLE @ 1.5 BAR.G
			0.35	0.7	1.0	1.5	2.0	3.0	4.0	
0.5	1/8"	0.66	-	-	0.23	0.28	0.32	0.39	0.46	90
1	1/8"	0.91	-	0.38	0.46	0.56	0.65	0.79	0.91	110
1.5	1/8"	1.1	-	0.57	0.68	0.84	0.97	1.18	1.37	115
2	1/8"	1.2	-	0.76	0.91	1.12	1.29	1.57	1.82	115
2.5	1/8" 1/4"	1.3	-	0.95	1.14	1.40	1.61	1.96	2.28	115
3	1/8" 1/4"	1.5	0.80	1.14	1.38	1.66	1.92	2.37	2.72	120
5	1/8" 1/4"	2.0	1.33	1.38	2.28	2.79	3.21	3.94	4.42	130
7.5	1/8" 1/4"	2.4	2.01	2.84	3.39	4.36	4.91	5.92	6.70	140
10	1/8" 1/4"	2.7	2.70	3.81	4.46	5.49	6.29	7.91	9.38	145
15	1/8" 1/4"	3.3	4.16	5.67	6.70	8.24	9.64	11.8	13.8	125
18	1/8" 1/4"	3.6	5.03	6.86	8.17	9.94	11.6	14.2	16.4	140
20	1/4" 3/8"	3.8	5.35	7.59	8.93	11.0	13.0	15.7	18.3	140
25	1/4" 3/8"	4.2	6.86	9.61	11.6	13.8	16.1	16.1	22.8	140
30	1/4" 3/8"	4.6	8.00	11.4	13.8	16.6	19.0	23.7	27.2	130
40	3/8" 1/2"	5.3	10.6	15.2	18.3	22.4	25.7	31.5	36.4	140
50	3/8" 1/2"	5.9	13.3	19.0	22.7	28.0	32.0	39.4	46.4	140
60	3/8" 1/2"	6.5	16.0	22.9	27.2	33.6	38.7	47.3	54.6	140
80	3/8" 1/2"	7.7	21.3	30.5	36.4	44.6	51.3	63.1	72.9	140
100	1/2" 3/4"	8.4	27.0	38.1	45.4	55.6	64.3	78.9	91.1	145
150	3/4" 1"	10.5	40.4	57.2	68.4	83.6	96.7	118	137	135
200	3/4" 1"	11.9	54.1	76.2	90.7	111	129	158	182	140
250	1"	13.3	66.5	94.0	112	138	159	195	225	145
300	1"	14.6	79.8	113	135	165	191	234	270	150

Dimensions and Weights

DIMENSIONS (mm)					WEIGHT (g)
THREAD	Size	A Hex	B	C	
1/8"	< 7.5	11.3	25.4	16.0	14
1/8"	< 20	15.3	28.5	19.0	29
1/4"	< 20	15.3	29.9	19.0	30
1/4"	< 35	18.0	34.0	25.4	45
3/8"	< 35	18.0	36.0	25.4	55
3/8"	< 80	25.7	40.0	31.9	96
1/2"	< 80	25.7	44.5	31.9	114
1/2"	< 120	28.0	46.1	29.7	154
3/4"	< 120	28.0	50.0	29.7	170
3/4"	< 210	38.0	58.7	39.7	340
1"	< 300	38.0	62.7	39.7	380

