

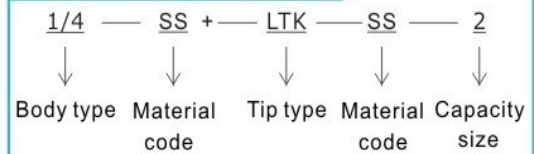
LKN/LTK combined wide angle nozzles

DESIGN FEATURES

Wide-angle flat fan spray pattern with uniform distribution and medium impact. Medium-sized drops. Lower cost-nozzle body can be reused-only spray tips are replaced. Unobstructed flow passages minimize clogging and maintain an excellent pattern, even as nominal wear occurs. Precision engineered for dependable, accurate control of deflection and spray angle.



ORDERING INFORMATION



PERFORMANCE DATA

LKN Liquid

Spray angle	Capacity size	Effective Dia.	Capacity under 1.0-5.0bar (L/min)			The coverage of 250mm
			1.0bar	2.0bar	5.0bar	
140°	368	0.8	0.45	0.63	1.0	1360
140°	408	1.0	0.71	1.0	1.58	1370
140°	448	1.2	0.88	1.25	1.98	1370
140°	488	1.3	1.13	1.6	2.53	1370
140°	528	1.5	1.41	2.0	3.16	1370
140°	568	1.7	1.77	2.5	3.95	1370
140°	608	1.9	2.23	3.15	4.98	1370
140°	688	2.4	3.54	5	7.91	1370
140°	728	2.7	4.45	6.3	9.96	1370
140°	808	3.4	7.07	10	15.81	1370



LTK Air and steam

Capacity Size	Rated Orifice Dia.(mm)	Air capacity (L/min)				Steam capacity (L/min)				The coverage of 150mm	
		0.7 bar	1.5 bar	3 bar	3.5 bar	0.7 bar	1.5 bar	3 bar	3.5 bar	0.7 bar	1.5 bar
0.5	0.61	4.5	6.4	10.5	11.6	0.16	0.23	0.37	0.41	51	127
0.75	0.71	6.2	9.1	14.7	16.7	0.23	0.33	0.53	0.66	64	140
1.0	0.84	9.6	13.7	22	25	0.34	0.49	0.8	0.9	76	152
1.5	1.04	15.3	22	36	40	0.54	0.78	1.3	1.5	89	165
2.0	1.17	19.3	28	45	51	0.68	1.0	1.6	1.8	102	190
2.5	1.32	27	37	60	71	0.95	1.3	2.1	2.5	102	190
3.0	1.45	31	47	77	85	1.1	1.7	2.7	3.0	127	203
4.0	1.65	40	57	85	108	1.4	2.0	3.1	3.9	127	228
5.0	1.85	54	76	124	139	1.9	2.7	4.5	5.0	152	267
7.5	2.31	79	117	189	210	2.9	4.2	6.8	7.6	152	267
10	2.64	110	159	255	290	3.9	5.7	9.2	10.4	178	279
15	3.28	181	260	420	475	6.5	9.3	15	17.1	178	305
20	3.76	225	325	520	590	8	11.6	18.8	21	216	368
30	4.57	320	465	760	850	11.6	16.8	27	30	216	394



PERFORMANCE DATA

Liquid

Capacity size	Orifice Diam. Nom.mm	Capacity (liters per minute)									Spray angle		
		0.2bar	0.3bar	0.5bar	0.7bar	1bar	1.5bar	2bar	3bar	4bar	0.5bar	1.5bar	4bar
0.5	0.61					0.23	0.28	0.32	0.39	0.46		89°	122°
0.75	0.71				0.29	0.34	0.42	0.48	0.59	0.68		106°	125°
1.0	0.84				0.38	0.46	0.56	0.64	0.79	0.91		109°	128°
1.5	1.0			0.48	0.57	0.68	0.84	0.97	1.2	1.4	73°	108°	125°
2.0	1.2		0.64	0.76	0.91	1.1	1.3	1.6	1.8	2.1	83°	113°	129°
2.5	1.3		0.62	0.81	0.95	1.1	1.4	1.6	2.0	2.3	98°	122°	133°
3.0	1.4		0.75	0.97	1.1	1.4	1.7	1.9	2.4	2.7	86°	112°	126°
4.0	1.7		1.0	1.3	1.5	1.8	2.2	2.6	3.2	3.6	97°	123°	132°
5.0	1.9	1.0	1.2	1.6	1.9	2.3	2.8	3.2	3.9	4.6	114°	128°	142°
7.5	2.3	1.5	1.9	2.4	2.9	3.4	4.2	4.8	5.9	6.8	101°	119°	134°
10	2.6	2	2.5	3.2	3.8	4.6	5.6	6.4	7.9	9.1	115°	133°	145°
12	2.9	2.4	3.0	3.9	4.6	5.5	6.7	7.7	9.5	10.9	128°	139°	153°
15	3.3	3.1	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	98°	113°	123°
18	3.6	3.7	4.5	5.8	6.9	8.2	10	11.6	14.2	16.4	106°	120°	131°
20	3.8	4.1	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	110°	122°	133°
22	4	4.5	5.5	7.1	8.4	10	12.3	14.2	17.4	20	113°	125°	136°
24	4.1	4.9	6.0	7.7	9.2	10.9	13.4	15.5	18.9	22	115°	131°	144°
27	4.4	5.5	6.7	8.7	10.3	12.3	15.1	17.4	21	25	119°	135°	148°
30	4.6	6.1	7.5	9.7	11.4	13.7	16.7	19.3	24	27	100°	110°	121°
35	5	7.1	8.7	11.3	13.3	16	19.5	23	28	32	105°	118°	128°
40	5.3	8.2	10	12.9	15.3	18.2	22	26	32	36	111°	126°	136°

COMMON APPLICATIONS

- Cooling conveyor belts
- Film washing
- Fire suppression / prevention
- Foam knockdown
- Spray agitation
- Spraying eliminator plates
- Water curtain