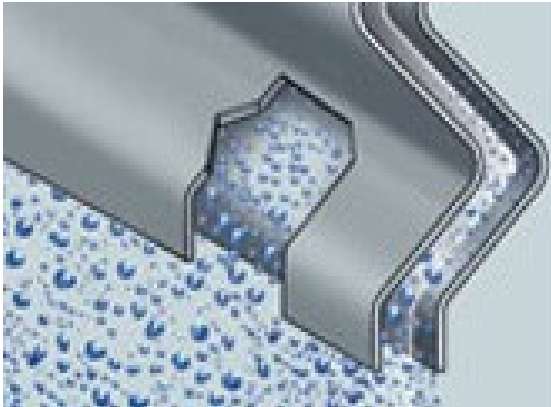


FULL CONE NOZZLE



APPLICATION

- ❖ ABSORPTION
- ❖ CHEMICAL PROCESS ENGINEERING
- ❖ CHLORINE PRECIPITATION
- ❖ CLEANING
- ❖ COOLING
- ❖ DESUPERHEATING
- ❖ DUST CONTROL
- ❖ FIRE PROTECTION
- ❖ FOAM CONTROL
- ❖ GAS TREATMENT
- ❖ SPRAYING ONTO MATS IN AIR WASHERS
- ❖ SPRAYING PACKING





30DEG ANGLE SPRAY FULL CONE NOZZLE

MODEL NO	END CONNECTION						FLOW RATE								MATERIAL CODE			
	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY								SS 304/SS 316	BRASS	PVC	
30SPRAY							IN GPM	PRESSURE IN BAR							G.A DRG mm			
ANGLE								0.5	1	2	3	5	7	10	Y	Y1	D	HEX
KG-0.7-30	•						40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
KG-0.7-30	•						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
KG-1.06-30	•						0.46	0.75	1.06	1.50	1.84	2.37	2.80	3.35	18	6.5	11	12
KG-1.24-30	•						0.54	0.87	1.24	1.75	2.15	2.77	3.28	3.92	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-1.41-30	•						0.61	1	1.41	2	2.44	3.15	3.73	4.46				
KG-1.77-30	•	•					0.77	1.25	1.77	2.50	3.07	3.96	4.68	5.60				
KG-2.47-30	•	•					1.07	1.75	2.47	3.49	4.28	5.52	6.54	7.81	YB			
KG-2.83-30		•					1.23	2	2.83	4.00	4.90	6.33	7.49	8.95	22	10	13	14
KG-3.36-30		•					1.46	2.37	3.36	4.75	5.82	7.51	8.89	7.49	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-4.6-30		•	•				1.99	3.25	4.6	6.51	3.59	10.29	12.17	14.55				
KG-5.66-30		•	•				2.45	4	5.66	8.00	9.80	12.66	14.97	17.9				
KG-7.07-30		•	•				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
KG-8.84-30		•	•				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
KG-11.31-30		•	•				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-14.14-30		•	•				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
KG-15.91-30		•	•	•			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
KG-17.68-30			•	•	•		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
KG-22.63-30			•	•	•		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
KG-28.28-30			•	•	•		12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-36.77-30			•	•	•		15.94	26	36.77	52	63.69	82.22	97.28	116.3				
KG-45.96-30			•	•	•		19.92	32.5	45.96	65	79.61	102.8	121.6	145.3	YE			
KG-50.91-30			•	•	•		22.07	36	50.91	72	88.18	113.8	134.7	161	WEIGHT(MATERIAL)=000.GRMS.APPROX			
SKG-56.57-30			•	•	•		24.52	40	56.57	80	97.98	126.5	149.7	178.9	42	15	32	27
SKG-71.71-30				•	•		30.65	50	71.71	101.4	124.2	160.3	189.7	226.8	WEIGHT(MATERIAL)=000.GRMS.APPROX			
SKG-83.44-30				•	•		36.17	59	83.44	118	144.5	186.6	220.8	263.9	YF			

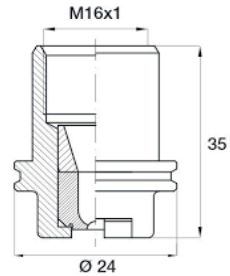


45DEG ANGLE SPRAY FULL CONE NOZZLE

MODEL NO	END CONNECTION						FLOW RATE							MATERIAL CODE				
	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY								SS 304/SS 316	BRASS	PVC	
45 SPRAY ANGLE							IN GPM	PRESSURE IN BAR							G.A DRG mm			
KG-0.7-45	●						40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
KG-0.7-45	●						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
KG-1.06-45	●						0.46	0.75	1.06	1.50	1.84	2.37	2.80	3.35	18	6.5	11	12
KG-1.24-45	●						0.54	0.87	1.24	1.75	2.15	2.77	3.28	3.92	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-1.41-45	●						0.61	1	1.41	2	2.44	3.15	3.73	4.46				
KG-1.77-45	●	●					0.77	1.25	1.77	2.50	3.07	3.96	4.68	5.60				
KG-2.47-45	●	●					1.07	1.75	2.47	3.49	4.28	5.52	6.54	7.81	YB			
KG-2.83-45		●					1.23	2	2.83	4.00	4.90	6.33	7.49	8.95	22	10	13	14
KG-3.36-45		●					1.46	2.37	3.36	4.75	5.82	7.51	8.89	7.49	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-4.6-45		●	●				1.99	3.25	4.6	6.51	3.59	10.29	12.17	14.55				
KG-5.66-45		●	●				2.45	4	5.66	8.00	9.80	12.66	14.97	17.9				
KG-7.07-45		●	●				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
KG-8.84-45		●	●				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
KG-11.31-45		●	●				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-14.14-45		●	●				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
KG-15.91-45		●	●	●			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
KG-17.68-45			●	●	●		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
KG-22.63-45			●	●	●		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22

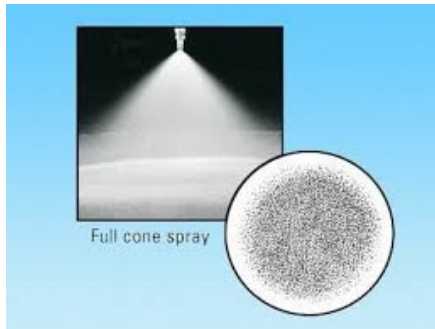
60DEG ANGLE SPRAY FULL CONE NOZZLE

MODEL NO	END CONNECTION						FLOW RATE							MATERIAL CODE				
	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY							SS 304/SS 316	BRASS	PVC		
ANGLE							IN GPM	PRESSURE IN BAR						G.A DRG mm				
KG-0.7-60	●						40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
KG-0.7-60	●						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
KG-1.06-60	●						0.46	0.75	1.06	1.50	1.84	2.37	2.80	3.35	18	6.5	11	12
KG-1.24-60	●						0.54	0.87	1.24	1.75	2.15	2.77	3.28	3.92	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-1.41-60	●						0.61	1	1.41	2	2.44	3.15	3.73	4.46				
KG-1.77-60	●	●					0.77	1.25	1.77	2.50	3.07	3.96	4.68	5.60				
KG-2.47-60	●	●					1.07	1.75	2.47	3.49	4.28	5.52	6.54	7.81	YB			
KG-2.83-60		●					1.23	2	2.83	4.00	4.90	6.33	7.49	8.95	22	10	13	14
KG-3.36-60		●					1.46	2.37	3.36	4.75	5.82	7.51	8.89	7.49	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-4.6-60		●	●				1.99	3.25	4.6	6.51	3.59	10.29	12.17	14.55				
KG-5.66-60		●	●				2.45	4	5.66	8.00	9.80	12.66	14.97	17.9				
KG-7.07-60		●	●				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
KG-8.84-60		●	●				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
KG-11.31-60		●	●				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-14.14-60		●	●				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
KG-15.91-60		●	●	●			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
KG-17.68-60			●	●	●		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
KG-22.63-60			●	●	●		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
KG-28.28-60			●	●	●		12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-36.77-60				●	●	●	15.94	26	36.77	52	63.69	82.22	97.28	116.3				



90DEG ANGLE SPRAY FULL CONE NOZZLE

MODEL NO	END CONNECTION						FLOW RATE						MATERIAL CODE					
	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY							SS 304/SS 316	BRASS	PVC		
90 SPRAY ANGLE							IN GPM	PRESSURE IN BAR						G.A DRG mm				
KG-0.7-90	●						40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
KG-0.7-90	●						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
KG-1.06-90	●						0.46	0.75	1.06	1.50	1.84	2.37	2.80	3.35	18	6.5	11	12
KG-1.24-90	●						0.54	0.87	1.24	1.75	2.15	2.77	3.28	3.92	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-1.41-90	●						0.61	1	1.41	2	2.44	3.15	3.73	4.46				
KG-1.77-90	●	●					0.77	1.25	1.77	2.50	3.07	3.96	4.68	5.60				
KG-2.47-90	●	●					1.07	1.75	2.47	3.49	4.28	5.52	6.54	7.81	YB			
KG-2.83-90		●					1.23	2	2.83	4.00	4.90	6.33	7.49	8.95	22	10	13	14
KG-3.36-90		●					1.46	2.37	3.36	4.75	5.82	7.51	8.89	7.49	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-4.6-90		●	●				1.99	3.25	4.6	6.51	3.59	10.29	12.17	14.55				
KG-5.66-90		●	●				2.45	4	5.66	8.00	9.80	12.66	14.97	17.9				
KG-7.07-90		●	●				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
KG-8.84-90		●	●				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
KG-11.31-90		●	●				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-14.14-90		●	●				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
KG-15.91-90		●	●	●			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
KG-17.68-90			●	●	●		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
KG-22.63-90			●	●	●		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
KG-28.28-90			●	●	●		12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-36.77-90				●	●	●	15.94	26	36.77	52	63.69	82.22	97.28	116.3				
KG-45.96-90				●	●	●	19.92	32.5	45.96	65	79.61	102.8	121.6	145.3	YE			
KG-50.91-90				●	●	●	22.07	36	50.91	72	88.18	113.8	134.7	161	WEIGHT(MATERIAL)=000.GRMS.APPROX			



120DEG ANGLE SPRAY FULL CONE NOZZLE

MODEL NO	END CONNECTION						FLOW RATE						MATERIAL CODE					
	1/8	1/4	3/8	1/2	3/4	1	FLOW CAPACITY							SS 304/SS 316	BRASS	PVC		
120 SPRAY ANGLE							IN GPM	PRESSURE IN BAR						G.A DRG mm				
KG-0.7-120	•						40 psi	0.5	1	2	3	5	7	10	Y	Y1	D	HEX
KG-0.7-120	•						0.31	0.5	0.71	1	1.22	1.58	1.87	2.24	YA			
KG-1.06-120	•						0.46	0.75	1.06	1.50	1.84	2.37	2.80	3.35	18	6.5	11	12
KG-1.24-120	•						0.54	0.87	1.24	1.75	2.15	2.77	3.28	3.92	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-1.41-120	•						0.61	1	1.41	2	2.44	3.15	3.73	4.46				
KG-1.77-120	•	•					0.77	1.25	1.77	2.50	3.07	3.96	4.68	5.60				
KG-2.47-120	•	•					1.07	1.75	2.47	3.49	4.28	5.52	6.54	7.81	YB			
KG-2.83-120		•					1.23	2	2.83	4.00	4.90	6.33	7.49	8.95	22	10	13	14
KG-3.36-120		•					1.46	2.37	3.36	4.75	5.82	7.51	8.89	7.49	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-4.6-120		•	•				1.99	3.25	4.6	6.51	3.59	10.29	12.17	14.55				
KG-5.66-120		•	•				2.45	4	5.66	8.00	9.80	12.66	14.97	17.9				
KG-7.07-120		•	•				3.07	5	7.07	12.25	12.25	15.81	18.71	10.58	YC			
KG-8.84-120		•	•				3.83	6.25	8.84	12.5	15.31	19.77	23.39	27.95	25	10	16	17
KG-11.31-120		•	•				4.9	8	11.31	15.99	15.99	25.29	29.92	35.77	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-14.14-120		•	•				6.13	10	14.14	20	24.49	31.62	37.41	44.71				
KG-15.91-120		•	•	•			6.9	11.25	15.91	22.5	27.56	35.58	42.09	50.31				
KG-17.68-120			•	•	•		7.66	12.5	17.68	25	30.62	39.53	46.78	55.91	YD			
KG-22.63-120			•	•	•		9.81	16	22.63	32	39.2	50.6	59.87	71.56	32	13	21	22
KG-28.28-120			•	•	•		12.26	20	28.28	39.99	48.98	63.24	38.67	89.43	WEIGHT(MATERIAL)=000.GRMS.APPROX			
KG-36.77-120			•	•	•		15.94	26	36.77	52	63.69	82.22	97.28	116.3				
KG-45.96-120			•	•	•		19.92	32.5	45.96	65	79.61	102.8	121.6	145.3	YE			
KG-50.91-120			•	•	•		22.07	36	50.91	72	88.18	113.8	134.7	161	WEIGHT(MATERIAL)=000.GRMS.APPROX			