DK Series Narrow Angle Full Cone Spray Nozzles

DK
DL*

ONE PIECE BODY
3/4" TO 3" BSPT / NPT

TWO PIECE BODY (M)
1/8" TO 3/4" BSPT / NPT

TWO PIECE BODY (F)
1/8" TO 3/4" BSPT / NPT

These nozzles produce a soild cone spray with round spray pattern where coarse water drops are concentrated within a narrow spray angle to maximise their impact force per square surface unit spray angle values of 15° or 30° are available with a choice of male or female thread connection.

MODEL NO.		CONNECTION END									ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE							G/A DIMENSION. MM				
		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		PRESSURE [BAR]											
SPRAY ANGLE		BSP	BSP	BSP	BSP	BSP	BSP	BSP	BSP	BSP													
15°	30°											0.5	1.0	2.0	3.0	5.0	7.0	10.0	CONN.	H	H1	D	HEX
DK11.100	DK12.100	●									1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	1/8"	18	6.5	10	11
DK11.150	DK12.150	●									1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	**Weight (Metals) =** 9 gms. Approx				
DK11.175	DK12.175	●									1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91	1/4"	22	10	13	14
DK11.200	DK12.200	●									1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47	**Weight (Metals) =** 17 gms. Approx				
DK11.250	DK12.250	●									1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59	3/8"	25	10	16	17
DK11.300	DK12.300	●									2.0	1.50	2.12	3.00	3.67	4.74	5.61	6.71	**Weight (Metals) =** 30 gms. Approx				
DK11.350	DK12.350	●									2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83	1/2"	32	13.2	21	22
DK11.400	DK12.400	●									2.5	2.00	2.83	4.00	4.90	6.32	7.48	8.94	**Weight (Metals) =** 66 gms. Approx				
DK11.475	DK12.475	●	●								2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62	3/4"	42	15	32	27
DK11.650	DK12.650		●								3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53	**Weight (Metals) =** 155 gms. Approx				
DK11.800	DK12.800		●								3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89	1"	56	17	39	36
DK21.100	DK22.100		●	●							3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36	**Weight (Metals) =** 367 gms. Approx				
DK21.125	DK22.125			●							4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95	1 1/4"	74	19	49	41
DK21.160	DK22.160			●	●						4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78	**Weight (Metals) =** 670 gms. Approx				
DK21.180	DA22.180				●						5.2	9.00	12.73	18.00	22.05	28.46	33.67	33.67	1 1/2"	85	22	59	50
DK21.200	DK22.200				●						5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72	**Weight (Metals) =** 1172 gms. Approx				
DK21.225	DK22.225				●						5.8	11.25	15.91	22.50	27.56	35.58	42.09	50.31	2"	106	24	68	60
DK21.250	DK22.250				●	●					6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90	**Weight (Metals) =** 1896 gms. Approx				
DK21.320	DK22.320					●					6.9	16.00	22.63	32.00	39.19	50.60	59.87	71.55					
DK21.400	DK22.400					●					7.7	20.00	28.28	40.00	48.99	63.25	74.83	89.44					
DK21.520	DK22.520					●	●				8.8	26.00	36.77	52.00	63.69	82.22	97.28	116.28					
DK21.650	DK22.650						●				9.9	32.50	45.96	65.00	79.61	102.77	121.60	145.34					
DK21.720	DK22.720						●				10.4	36.00	50.91	72.00	88.18	113.8	134.7	161.00					
DK21.800	DK22.800						●	●			11.5	40.00	56.57	80.00	97.98	126.49	149.67	178.89					
DK31.100	DK32.100							●			12.9	50.00	70.71	100.0	122.47	158.11	187.08	223.61					
DK31.118	DK32.118							●			14.0	59.00	83.44	118.0	144.52	186.57	220.76	263.86					
DK31.130	DK32.130							●	●		14.7	65.00	91.92	130.0	159.22	205.55	243.21	290.69					
DK31.160	DK32.160								●		16.3	80.00	113.14	160.0	195.96	252.98	299.33	357.77					
DK31.200	DK32.200								●	●	18.2	100	141.42	200.0	244.95	316.23	374.17	447.21					
DK31.227	DK32.227									●	19.4	113.5	160.51	227.0	278.02	358.92	424.68	507.59					
DK31.250	DK32.250									●	20.4	125	176.78	250.0	306.19	395.19	467.71	559.02					
DK31.337	DK32.337									●	23.7	168.5	238.29	337.0	412.74	532.84	630.47	753.55					

End Connection : X – BSP, Y - BSPT, Z – NPT Available.