

IRRIFORCE RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : Jet 65
 Hose Diameter and Length : 76mm 200M hose X Maximum 400M Travel Lenght

							Tribune Pressure Lost 1,3	Tribune Pressure Lost 1,1	Tribune Pressure Lost 0,8	Tribune Pressure Lost 0,8	Tribune Pressure Lost 0,8	Tribune Pressure Lost 0,8						
				Capacity		Irrigated Area	10 mm rainfall	15 mm rainfall	20 mm rainfall	25 mm rainfall	30 mm rainfall	40 mm rainfall						
Nozzle Size	Sprinkler Pressure (Bar)	Sprinkler Throw Range (m)	% 85 of Throw Diameter of Sprinkler (m)	Flow Rate Liter/Min	Flow Rate m³ / Hour	m²	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar
20mm	3	35	60	463	27,8	25190	47	4,8	31	4,6	23	4,3	19	4,3	16	4,3	12	4,0
	4	38	65	548	32,9	27478	51	6,1	34	5,9	25	5,6	20	5,6	17	5,6	13	5,3
	5	42	71	617	37	30561	52	7,3	35	7,1	26	6,8	21	6,8	17	6,8	13	6,5
	6	44	75	700	42	32116	56	8,6	37	8,4	28	8,1	22	8,1	19	8,1	14	7,8
22mm	3	36	61	567	34	25950	56	5,1	37	4,9	28	4,6	22	4,6	19	4,6	14	4,3
	4	41	70	680	40,8	29787	59	6,5	39	6,3	29	6,0	23	6,0	20	6,0	15	5,7
	5	44	75	753	45,2	32116	60	7,7	40	7,5	30	7,2	24	7,2	20	7,2	15	6,9
24mm	6	48	82	783	47	35253	58	9	38	8,8	29	8,5	23	8,5	19	8,5	14	8,2
	3	38	65	683	41	27478	63	5,5	42	5,3	32	5,0	25	5,0	21	5,0	16	4,7
	4	43	73	800	48	31337	66	6,9	44	6,7	33	6,4	26	6,4	22	6,4	16	6,1
26mm	5	49	83	917	55	36044	66	8,5	44	8,3	33	8,0	26	8,0	22	8,0	17	7,7
	4	48	82	850	51	35253	63	7,2	42	7	31	6,7	25	6,7	21	6,7	16	6,4
	5	50	85	950	57	36836	67	8,6	45	8,4	34	8,1	27	8,1	22	8,1	17	7,8
28mm	4	49	83	1000	60	36044	72	7,9	48	7,7	36	7,4	29	7,4	24	7,4	18	7,1
	5	53	90	1100	66	39226	73	9,4	49	9,2	37	8,9	29	8,9	24	8,9	18	8,6

* **NOT :** The Table above was prepared with mathematical formulas and datas under average working conditions. It is targeted to give general information to the user. Real datas can be changed during using conditions. Yüzük Makine does not accept any responsibility according to usage of this Table.