

IRRIFORCE MINIX TD1000-100 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : Yuzuak Atom22
Hose Diameter and Length : Diameter : 25 mm (1 ") ; Length : 50 meters
Traveller Length : 100 meters

Nozzle Size	Sprinkler Pressure (Bar)	Sprinkler Throw Range (m)	% 85 of Throw Diameter of Sprinkler (m)	Capacity		Irrigated Area m ²	Irriforce Lineer Velocity meter/hour	Total Pressure Neccesity	Turbine + Hose Pressure Lost (bar)	Rainfall (mm)	Total Operation Time for 100 meter travel (min)
				Flow Rate Liter/Min	Flow Rate m ³ / Hour						
6 mm - Atom 22	3	17	29	40	2.4	3796	19	4.7	1.7	1.9	379
	4	18	31	44	2.65	4040	40	6.0	2.0	2.0	180
	4.5	18.5	31	48	2.85	4162	55	6.9	2.4	2.1	131
6 mm + 4mm Atom22	3	17	29	57	3.4	3796	39	5.2	2.2	2.8	185
	4	18	31	65	3.9	4040	60	6.6	2.6	3.0	120
	4.5	18.5	31	70	4.2	4162	80	7.7	3.2	3.1	90

*** PS 1:** 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.