

# RM Speedy Rain 505

PET Hose 50mm x 170 metres

Nozzle	Pressure		Irrigated Strip					Rewind Speed (metres per hour)					
	Machine Inlet (after turbine)	Sprinkler	Flow Capacity		Throw Radius	Throw Diameter	Suggested	10	15	20	25	30	40
			ltr/sec	m3/hr				Rewind Time (in Hours)					
mm	bar	bar	ltr/sec	m3/hr	mtr	mtr	mtr	17.0	11.3	8.5	6.8	5.7	4.3
	<b>NOTE A</b>		<b>NOTE B</b>					<b>Water Application (mm)</b>					
10	3	2	1.47	5.28	18	36	30.6	17.3	11.5	8.6	6.9	5.8	4.3
	4.2	3	1.78	6.42	20.5	41	34.9	18.4	12.3	9.2	7.4	6.1	4.6
	5.4	4	2.07	7.44	22	44	37.4	19.9	13.3	9.9	8.0	6.6	5.0
12	3.4	2	2.12	7.62	19	38	32.3	23.6	15.7	11.8	9.4	7.9	5.9
	4.8	3	2.58	9.3	21	42	35.7	26.1	17.4	13.0	10.4	8.7	6.5
	6.2	4	2.98	10.74	23.5	47	40	26.9	17.9	13.4	10.8	9.0	6.7

## NOTES

- The pressure at the machine inlet (before turbine) should be about 1.5 to 2 bar higher than the figure given above. I.E. with 12mm nozzle in sprinkler, and 4.8 bar at the machine, you would need a pump pressure of at least 6.3 bar. We normally recommend a connection pressure after the turbine of between 4 to 4.5 bar. Also, the faster the rewind speed of the hose the more pressure will be lost over the turbine.
- The sprinkler used on a Speedy Rain 505 is a Komet 163, however, the figures shown above are based on a different sprinkler. When selecting a pump to operate this irrigator, please allow an additional 25% flow rate when using a 10mm nozzle or 20% when using a 12mm nozzle. The throw diameter will also be slightly higher than the figures stated above.
- Maximum pressure at hydrant 8 bar.
- These figures are for guidance purposes only.

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