



Part circle and Full circle    Barrel cross section



**Water Input: 2"**  
**Working Pressure**  
**2,5 – 7 kg/cm<sup>2</sup>**  
**Water Requirement**  
**13,2 m<sup>3</sup>/h – 57 m<sup>3</sup>/h**  
**Nozzles**  
**14mm – 16mm – 18mm – 20mm – 22mm – 24mm**  
**Body Angle: 25°**  
**Weight: 6,57 kg**

Nozzle diameter		Pressure		Jet Length (Radius)		Capacity			Values for a single sprinkler		
									Irrigated area		Rainfall per hour
mm	inch	kg/cm <sup>2</sup>	lbs/inch	m	feet	l/min	m <sup>3</sup> /h	G.P.M.	m <sup>2</sup>	acre	mm/h
14mm	.55	2,5	37	24	79	220	13,2	58	1808	0,45	7,3
	.55	3	44	26	85	233,3	14	62	2122	0,52	6,6
	.55	4	56	29	95	270	16,2	71	2640	0,65	6,1
16mm	.62	2	29	26	85	241,7	14,5	64	2122	0,52	6,8
	.62	3	44	29	95	296,7	17,8	78	2640	0,65	6,7
	.62	4	56	31	100	341,7	20,5	90	2920	0,72	7,0
18mm	.62	5	70	33	108	386,7	23,2	102	3419	0,84	6,8
	.70	3	44	32	105	375	22,5	99	3215	0,79	7,0
	.70	4	56	35	115	438,3	26,3	116	3846	0,95	6,8
20mm	.70	5	70	37	121	470	28,2	124	4298	1,06	6,6
	.70	6	85	40	131	521,7	31,3	138	5024	1,24	6,2
	.78	3	44	35	115	445	26,7	118	3846	0,95	6,9
22mm	.78	4	56	37	121	536,7	32,2	142	4298	1,06	7,5
	.78	5	70	42	138	591,7	35,5	156	5538	1,37	6,4
	.86	3	44	35	115	556,7	33,4	147	3846	0,95	8,7
24mm	.86	4	56	37	121	641,7	38,5	170	4298	1,06	9,0
	.86	5	70	40	131	716,7	43	189	5024	1,24	8,6
	.86	6	85	42	138	786,7	47,2	208	5538	1,37	8,5
24mm	.94	4	56	43	141	771,7	46,3	204	5805	1,43	8,0
	.94	5	70	45	148	801,7	48,1	212	6358	1,57	7,6
	.94	6	85	47	154	885	53,1	234	6936	1,71	7,7
	.94	7	100	50	164	950	57	251	7850	1,94	7,3

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It is a gear driven, part and full circle sprinkler which provides perfect irrigation with the performance, technology, reliability and the feature of uniform coverage. It can operate with mid pressure (2 - 7 bar) with high efficiency and make full and semi-circle turns at the same speed. Its changeable nozzles and jet breaker provide perfect irrigation with evenly distributed water. It is a special design powder coated sprinkler for effluent and waste water irrigation, equipped with water passage barrel with special design anti-turbulence blades. It has three different types of nozzles, two-hole nozzles for clean water, non-blocking slotted nozzles for waste water and rubber flex nozzles for effluent irrigation. The rubber nozzles automatically expand in case of clogging to dilute and distribute manures in the farms. Its special technical properties like adjustable jet breaker, 25° body angle and non-blocking nozzles make this product favourite sprinkler for all agricultural, industrial, evaporation, dust suppression and special applications.