

NEW

5022 SD PC (Part Circle)



Applications: irrigation and fertigation of edges in field crops, such as potatoes, carrots, and flowers

- Unique and innovative modular PC mechanism.
- · Easily change full circle sprinkler into part circle sprinkler and vice versa.
- Unique hammer combined with SD (Super Diffuser) plate designed for uniform distribution even at low operation pressure (1.5 bar).
- Spacing up to 14 m.
- Combining with full-circle sprinkler ensures that 100% of the water remains within the irrigation area.
- Wide range of flow rates makes it the ideal partner for every full-cricle sprinkler in any crop or field.
- High-impact, heavy-duty plastic materials provide resistance to corrosion, chemicals and UV radiation.

5022 SD PC PERFORMANCE TABLE

Sleeve Color Nozzle Color P (bar) Q (m³/h) D (m) 1.5 0.320 19.00 2.0 0.375 20.00 2.5 0.420 21.00 3.0 0.460 21.50 3.5 0.490 22.00 4.0 0.525 22.00 4.0 0.525 22.00 4.0 0.525 22.00 4.0 0.525 22.00 2.8 0.530 22.50 2.8 0.530 22.50 0.70 0.580 23.00 3.0 0.580 23.00 4.0 0.625 22.50 3.0 0.525 22.00 8.0 0.520 21.50 3.0 0.525 22.50 3.0 0.525 22.50 3.0 0.525 22.50 3.0 0.525 22.50 3.0 0.525 22.50 3.2 0.660 23.00							
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Black 1.5 0.415 21.50 2.0 0.475 22.00 2.8 2.5 0.530 22.50 3.0 0.580 23.00 3.5 0.630 23.00 4.0 0.680 23.50 2.5 0.575 22.00 4.0 0.625 22.50 3.0 0.625 22.50 3.5 0.680 23.00 4.0 0.520 21.50 3.0 0.625 22.50 3.5 0.680 23.00 4.0 0.730 23.00 4.0 0.730 23.00 3.2 0.520 21.50 3.2 0.520 21.50 3.2 0.660 22.50 3.2 0.520 21.50 3.2 0.525 2.50 3.5 0.770 23.50 * For windy colubritions * For windy colubritions			4.0	0.525	22.00		
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Orange 3.0 0.580 23.00 3.5 0.630 23.00 4.0 0.680 23.50 4.0 0.680 23.50 1.5 0.445 21.00 2.0 0.520 21.50 3.0 2.5 0.575 22.00 3.0 0.625 22.50 3.00 3.0 0.625 23.00 4.00 3.0 0.625 22.50 3.00 3.5 0.680 23.00 4.00 3.0 0.730 23.00 4.00 3.2 0.550 21.50 21.50 3.2 0.500 21.50 21.50 3.2 0.550 21.50 21.50 3.0 0.725 23.50 21.50 3.5 0.770 23.50 * For windy col			2.0	0.475	22.00		
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4.0 0.680 23.50 1.5 0.445 21.00 2.0 0.520 21.50 3.0 2.5 0.575 22.00 3.0 0.625 22.50 3.5 0.680 23.00 4.0 0.730 23.00 4.0 0.520 21.50 3.5 0.680 23.00 4.0 0.730 23.00 3.2 1.5 0.520 21.50 3.2 2.5 0.660 22.50 3.2 3.0 0.725 23.50 3.5 0.770 23.50 × For windy col			3.0	0.580	23.00		
Black 3.0 Red 3.0 Red 3.0 1.5 0.445 21.00 2.0 0.520 21.50 3.0 0.625 22.50 3.5 0.680 23.00 4.0 0.730 23.00 1.5 0.520 21.00 2.0 0.590 21.50 2.5 0.660 22.50 3.2 Green 3.0 0.725 23.50 3.5 0.770 23.50 * Performance prepared unde conditions * For windy co			3.5	0.630	23.00		
Black 3.0 3.0 Red 3.0 2.5 0.575 22.00 3.0 0.625 22.50 3.5 0.680 23.00 4.0 0.730 23.00 1.5 0.520 21.00 2.0 0.590 21.50 2.5 0.660 22.50 3.0 0.725 23.50 3.5 0.770 23.50 * For windy co			4.0	0.680	23.50		
Black 3.0 Red 3.0 Red 3.0 2.5 0.575 22.00 3.0 0.625 22.50 3.5 0.680 23.00 4.0 0.730 23.00 1.5 0.520 21.50 2.0 0.590 21.50 2.5 0.660 22.50 3.0 0.725 23.50 3.5 0.770 23.50 * For windy co	Black		1.5	0.445	21.00		
Red 3.0 0.625 22.50 3.5 0.680 23.00 4.0 0.730 23.00 1.5 0.520 21.00 2.0 0.590 21.50 3.2 2.5 0.660 22.50 3.0 0.725 23.50 x 3.5 0.770 23.50 x			2.0	0.520	21.50		
Black 3.5 0.680 23.00 4.0 0.730 23.00 2.0 0.590 21.50 3.2 Green 3.0 0.725 23.50 3.5 0.770 23.50 * Performance prepared unde conditions * For windy co			2.5	0.575	22.00	prepared unde conditions * For windy co	
Black 4.0 0.730 23.00 1.5 0.520 21.00 2.0 0.590 21.50 3.2 Green 3.0 0.725 23.50 3.5 0.770 23.50 * Performance prepared unde conditions * For windy conditions			3.0	0.625	22.50		
Black 1.5 0.520 21.00 2.0 0.590 21.50 3.2 Green 3.0 0.725 23.50 3.5 0.770 23.50 * Performance prepared unde conditions * For windy co			3.5	0.680	23.00		
1.5 0.520 21.00 * Performance 2.0 0.590 21.50 prepared unde 3.2 3.0 0.725 23.50 3.5 0.770 23.50 * For windy conditions			4.0	0.730	23.00		
3.2 2.5 0.660 22.50 prepared unde Green 3.0 0.725 23.50 conditions 3.5 0.770 23.50 * For windy conditions			1.5	0.520	21.00		
3.2 2.3 0.860 22.30 r r n Green 3.0 0.725 23.50 conditions s 3.5 0.770 23.50 * For windy conditions			2.0	0.590	21.50		
3.5 0.770 23.50 * For windy co		3.2	2.5	0.660	22.50		
		Green	3.0	0.725	23.50		
4.0 0.835 24.00 closer spacing			3.5	0.770	23.50		
			4.0	0.835	24.00		

Overhead sprinklers

Plastic impact sprinkler, 1/2" male or 3/4" female. Mounted on riser

- Most efficient irrigation of field boundaries with best uniformity
- Patent pending interchangeable PC kit.
- PC unit snaps into rear nozzle place for easy assembling and dismantling.

Can easily change full-circle sprinkler into part-circle sprinkler by:

Assembling two sector rings





Replacing the rear nozzle or plug with the PC mechanism



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Note: With PC sprinkler on field boundaries, use nozzle size smaller than nozzles of the full circle sprinklers

* Performance table prepared under laboratory conditions * For windy conditions use