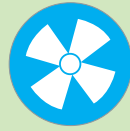


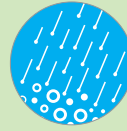
# 233 B Sprinkler



Irrigation  
Full Coverage



Pasture  
Irrigation



Crop  
Coloring



Heap  
Leaching

Product Supplied with Hologram which indicate originality & best quality.

## Features & Benefits



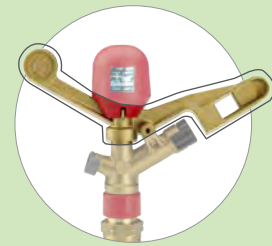
### Red Cap For protection of SS Spring

Completely closed plastic protection cap protects the spring from sand, frost gives longer life to sprinkler



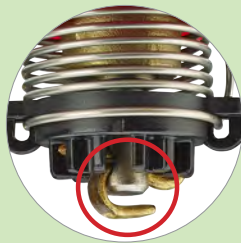
### Heavy Duty Retraction Spring with Spring Guide

Stainless steel retraction spring maintains uniform rotation speed, spring guide ensures uniform performance of spring



### Innovative Swing Hammer

Well balanced swing hammer ensures smooth and uniform rotation



### Stainless Steel Spindle, Fulcrum Pin

Stainless steel spindle, fulcrum pin for improving life of sprinkler



### Hydrodynamically Designed Bayonet Nozzles

Rigid Bayonet nozzles with hydrodynamically designed inner profile for precise jet and longer radius of throw



### Equipped with Quality Washers.

Special washers used to give uniform & hassle free rotation along with leakage prevention

# 233 B

## Additional Features

- Bumper provides larger life to hammer against impact
- Improved spoon design and machined knife edge provides uniform droplet size distribution
- Full circle impact sprinkler
- Special grade Zinc casted body with high quality brass powder paint for corrosion resistance.
- Easy to install and maintain
- Uniform precipitation rate
- Each batch is tested for stringent quality parameters
- Anti-theft spreader nozzle with special slot for improved distribution

## Application

- Suitable for field crops like pulses, oil seeds, vegetables, sugarcane, cotton, cereals, tea, coffee and fodder crops.

## Specification

- Discharge: 790 to 3540 lph
- Wetted Radius: 13.5 to 20.5 m
- Operating Pressure: 3 to 5 Kg/cm<sup>2</sup>
- Inlet Connection: 3/4" male Threaded or Female Threaded
- Usability: Quick Connect Assembly

233 B Sprinkler Assembly



## Technical Specifications - Dual Nozzle

Precipitation rates (mm/hr) and uniformity co-efficient (CU) at various spacing

Sleeve Color	Nozzle Color (mm)	P (kg/cm <sup>2</sup> )	Q (lph)	D (m)	Spacing (m)								
					12x12	12x15	12x18	15x15	15x18	18x18	18x20	20x20	
Red	3.5x2.5L Blue	3.0	1240	27	8.6	6.9	5.7	5.5	4.6	3.8			
		4.0	1430	29	9.9	7.9	6.6	6.4	5.3	4.4			
		5.0	1620	29	11.3	9.0	7.5	7.2	6.0	5.0			
	4.0x2.5L Black	3.0	1490	29	10.3	8.3	6.9	6.6	5.5	4.6			
		4.0	1740	29	12.1	9.7	8.1	7.7	6.4	5.4			
		5.0	1950	29	13.5	10.8	9.0	8.7	7.2	6.0			
4.5x2.5L Brown	3.0	1790	30	12.4	9.9	8.3	8.0	6.6	5.5	5.0			
	4.0	2070	31	14.4	11.5	9.6	9.2	7.7	6.4	5.8			
	5.0	2320	32	16.1	12.9	10.7	10.3	8.6	7.2	6.4			
Black	5.0 x 2.5L Purple	3.0	2110	32	14.7	11.7	9.8	9.4	7.8	6.5	5.9	5.3	
		4.0	2400	34	16.7	13.3	11.1	10.7	8.9	7.4	6.7	6.0	
		5.0	2690	35	18.7	14.9	12.5	12.0	10.0	8.3	7.5	6.7	
	5.5x2.5L Orange	3.0	2390	34	16.6	13.3	11.1	10.6	8.9	7.4	6.6	6.0	
		4.0	2760	37	19.2	15.3	12.8	12.3	10.2	8.5	7.7	6.9	
		5.0	3090	39	21.5	17.2	14.3	13.7	11.4	9.5	8.6	7.7	
	6.0 x 2.5L Red	3.0	2700	37	18.8	15.0	12.5	12.0	10.0	8.3	7.5	6.8	
		4.0	3160	37	21.9	17.6	14.6	14.0	11.7	9.8	8.8	7.9	
		5.0	3540	40	24.6	19.7	16.4	15.7	13.1	10.9	9.8	8.9	

Note: Sprinklers are tested under standard test conditions.

P= Pressure; Q = Discharge; D = Diameter

Colour code - Distribution uniformity

CU < 85%	CU = 85-88%	CU = 88-92%	CU > 92%
----------	-------------	-------------	----------

Rear Nozzle Color 2.5L - grey. Do not change nozzles from Red Sleeve group to Black Sleeve Group or vice versa.

## Ordering Specifications

Item# Male base	Item# Female base	Nozzle Color	Single Nozzle (mm)	Item# Male base	Item# Female base	Dual Nozzle (mm)
5124640	5124610	Blue	3.5*	5124654	5124624	3.5x2.5
5124642	5124612	Black	4.0*	5124656	5124626	4.0x2.5
5124644	5124614	Brown	4.5*	5124658	5124628	4.5x2.5
5124646	5124616	Purple	5.0**	5124660	5124630	5.0x2.5
5124648	5124618	Orange	5.5**	5124662	5124632	5.5x2.5
5124650	5124620	Red	6.0**	5124664	5124634	6.0x3.2

Also available with 3/4" male NPT thread. Do not change nozzles from "Red Sleeve" group to "Black Sleeve" group or vice versa \*Red sleeve - \*\* Black sleeve.

## Single Nozzle

233 B Performance

Sleeve Color	Nozzle Color (mm)	P (kg/cm <sup>2</sup> )	Q (lph)	D (m)
Red	3.5 Blue	3.0	790	27
		4.0	910	28
		5.0	1020	29
	4.0* Black	3.0	1040	29
		4.0	1200	29
		5.0	1350	29
4.5 Brown	3.0	1320	30	
	4.0	1540	32	
	5.0	1710	33	
Black	5.0 Purple	3.0	1610	33
		4.0	1870	35
		5.0	2100	37
	5.5 Orange	3.0	1930	36
		4.0	2230	38
		5.0	2490	38
	6.0 Red	3.0	2260	36
		4.0	2620	38
		5.0	2940	41

\* Standard Nozzle

Note: Sprinklers are tested under standard test conditions.

P= Pressure; Q=Discharge; D=Diameter