



## FULL CIRCLE SPRINKLER GUN ZM 22 SINGLE NOZZLE

## FULL & PART CIRCLE SPRINKLER GUN ZM 22 W SINGLE NOZZLE

### Appliance and use

SIS 22 sprinkler guns are ideal for the overhead irrigation of bananas, orchards and pastures. The corrosion resistant components of the elbow and swing lever, the quality engineered plastics of the guide bush and the reliable construction associated with Perrot experience and design technology ensure a long and trouble-free life. The jet straightener gives a more dynamic performance and guarantees an optimal casting range with a more even water distribution. Though this super light sprinkler weighs only 970g, it is robust and reliable. The SIS 22 is recommended for travelling irrigators with hose sizes of 50mm and 63mm.



### Features

22° trajectory angle

### Available types

SIS22 W – single nozzle full and part circle. With removable trip spring so that sprinkler can be used as full or part circle sprinkler.

### Materials

Pipe axle	brass
Torsion spring	stainless steel
Guide bush	quality plastic
Elbow	cast aluminium
Impact lever	cast aluminium
Nozzle	brass
Sector device	quality plastic with steel shaft

**Connection** 1 1/2" male thread

### Sprinkler specification and performance table

Diameter nozzle (mm)	P					P 3.0 bar		P 4.0 bar		P 5.0 bar		P 6.0 bar		P 7.0 bar	
	3.0 bar	4.0 bar	5.0 bar	6.0 bar	7.0 bar	▲	■	▲	■	▲	■	▲	■	▲	■
Casting range (m)						Recommended distance between sprinklers (m)									
10	23.2	25.0	27.7	29.8	30.7	36x30	30x30	36x30	30x30	36x30	30x30	36x30	30x30	36x30	30x30
11	23.9	25.9	28.5	30.5	31.4	36x30	30x30	36x30	30x30	36x30	30x30	36x30	30x30	42x36	36x36
12	24.7	26.8	29.4	31.2	32.1	36x30	30x30	36x30	30x30	36x30	30x30	42x36	36x36	42x36	36x36
13	25.3	27.5	30.1	32.0	32.9	36x30	30x30	36x30	30x30	36x30	30x30	42x36	36x36	42x36	36x36
14	25.9	28.2	30.9	32.7	33.6	36x30	30x30	36x30	30x30	42x36	36x36	42x36	36x36	42x36	36x36
15	26.3	28.7	31.5	33.2	34.0	36x30	30x30	36x30	30x30	42x36	36x36	42x36	36x36	42x36	36x36
16	26.7	29.2	32.2	33.8	34.5	36x30	30x30	36x30	30x30	42x36	36x36	42x36	36x36	42x36	36x36
ZM 22 / ZM 22 W Water consumption (m³/h)						ZM 22 Precipitation* (mm/h)									
10	6.16	7.12	7.95	8.71	9.41	5.7	6.8	6.6	7.9	7.4	8.8	8.1	9.7	8.7	10.5
11	7.46	8.61	9.63	10.54	11.39	6.9	8.3	8.0	9.6	8.9	10.7	9.6	11.7	7.5	8.8
12	8.87	10.25	11.46	12.55	13.55	8.2	9.6	9.5	11.4	10.6	12.7	8.3	9.7	9.0	10.5
13	10.41	12.02	13.44	14.73	15.91	9.6	11.6	11.1	13.3	12.4	14.9	9.7	11.4	10.5	12.3
14	12.08	13.95	15.59	17.08	18.45	11.2	13.4	12.9	15.5	10.3	12.1	11.3	13.2	12.2	14.2
15	13.86	16.01	17.90	19.61	21.18	12.8	15.4	14.8	17.8	11.8	13.8	13.0	15.1	14.0	16.3
16	15.77	18.21	20.36	22.31	24.10	14.6	17.5	16.9	20.2	13.5	15.7	14.8	17.2	15.9	18.6

The suggested sprinkler spacings are valid under wind-free conditions for the average operating data, a temperature of +15°C and a sprinkler installation height of 0m. Sprinkler installation in a ▲ pattern is for optimum water distribution and for solid sets. Sprinkler installation in a ■ pattern is recommended for solid set and moveable sprinkler systems.

\* The precipitation is only valid for full circle irrigation.

