

ZN 23™



IMPACT SPRINKLER

SPECIFICATIONS:

Casting Range	30,5 - 50,5 m
Flow	12,08 - 60,22 m³/h
Pressure	3,0 - 7,0 bar
Nozzle sizes	14 - 24 mm
	2 nd nozzle 6 + 8 mm
Nozzles	1 or 2 nozzles
Trajectory	23°
Inlet	2 ½" female

AREAS OF APPLICATION:

Sewage treatment, dust suppression, agriculture

FEATURES:

- Impact sprinkler with slow water flow and return flow
- Adjustable rotation speed
- Materials: Brass, stainless steel, high-quality synthetic materials, aluminized cast
- Part circle sprinkler with switchable toggle spring for optional use as a full circle or part circle sprinkler
- Spring protection cap
- Resistant to strong winds
- Available with 45° trajectory (ZN 45)



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Regnerbau Calw GmbH

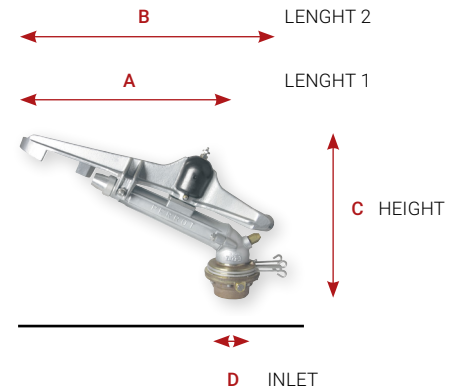
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AVAILABLE VERSIONS

Sprinkler	Features	Measurements			
		A	B	C	D
ZN 23 W	Part circle sprinkler with 1 nozzle	506 mm	635 mm	366 mm	2 ½" female
ZN 23 D	Full circle sprinkler with 2 nozzles	506 mm	582 mm	366 mm	2 ½" female



SPRINKLER ARRANGEMENT

	△	□
Sprinkler distance	42 m x 36 m to 60 m x 54 m	36 m x 36 m to 54 m x 54 m
Irrigation density *	9,5 mm to 18,6 mm	11,0 mm to 20,7 mm

* Bei Vollkreisberegnung

PART CIRCLE SPRINKLER ZN 23 W

Operating pressure	Nozzle 14 mm		Nozzle 16 mm		Nozzle 18 mm		Nozzle 20 mm		Nozzle 22 mm		Nozzle 24 mm	
	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m
3,0 bar	12,08	30,5	15,77	33,5	19,96	35,0	24,65	37,5	29,82	39,5	35,49	42,0
4,0 bar	13,95	33,5	18,21	37,0	23,05	38,0	28,46	40,5	34,44	42,0	40,98	43,0
5,0 bar	15,59	35,5	20,36	38,0	25,77	40,5	31,82	43,0	38,50	45,0	45,82	45,5
6,0 bar	17,08	37,5	22,31	40,0	28,23	42,5	34,86	45,8	42,18	47,0	50,19	48,5
7,0 bar	18,45	39,0	24,10	41,8	30,50	45,0	37,65	47,5	45,56	49,2	54,22	50,5

Casting range at 23° trajectory

FULL CIRCLE SPRINKLER ZN 23 D

Operating pressure	Nozzle 14 mm		Nozzle 16 mm		Nozzle 18 mm		Nozzle 20 mm		Nozzle 22 mm		Nozzle 24 mm	
	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m
3,0 bar	14,30	30,5	17,99	33,5	22,98	35,0	27,67	37,5	33,77	39,5	39,44	42,0
4,0 bar	16,51	33,5	20,78	37,0	26,54	38,0	31,95	40,5	38,99	42,0	45,54	43,0
5,0 bar	18,46	35,5	23,23	38,0	29,67	40,5	35,72	43,0	43,59	45,0	50,91	45,5
6,0 bar	20,22	37,5	25,45	40,0	32,50	42,5	39,13	45,8	47,75	47,0	55,77	48,5
7,0 bar	21,84	39,0	27,48	41,8	35,11	45,0	42,26	47,5	51,58	49,2	60,24	50,5

Casting range at 23° trajectory



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