Technical Data

Perrot Regnerbau Calw >

> ZB-22 Series Impact Sprinkler

DESCRIPTION:

Specifications

- Nozzle: 7 nozzles - 4,2 ÷ 7,0 mm (standard 4,2 mm)
- Secondary nozzle: 2,4 mm
- Operating pressure: 2,5 ÷ 4,5 bar
- Radius: 14,5 ÷ 17,8 mt
- Hourly flow: 0,99 ÷ 3,82 m³/h
- Trajectory: 22°
- Inlet: ¾" M
- Full circle or sector

Features

- Part circle sprinkler with flip up control lever so that sprinkler can be used as full or part circle sprinkler
- With sand protection ring and protection cap
- Part circle sprinkler equippes with diffuser pin to adjust jet and throw

Materiale

- Brass, stainless steel, durable engineering plastic

Code	Coverage
AIR108	full circle
AIR119	full circle
AIR113	sector

DISTANCES AND PRECIPITATIONS

Layouts	▲	■
Distances between the sprinklers mt	24 x 18	18 x 18
Precipitation mm/h	2,3 ÷ 9,6	3,1 ÷ 12,7

Precipitation is valid only with full circle irrigation

Landscape

PERFORMANCE ZB-22 WITH 1 FULL TURN NOZZLE AND SECTORS

P.	4,2 mm nozzle			4,5 mm nozzle			4,8 mm nozzle			5 mm nozzle			5,2 mm nozzle			6 mm nozzle			7 mm nozzle		
	Flow rate			Flow rate			Flow rate			Flow rate			Flow rate			Flow rate			Flow rate		
bar	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m
2,5	0,99	16,5	15	1,14	19,0	15	1,30	21,7	15	1,41	23,5	16	1,52	25,3	16	1,89	31,5	16	2,53	42,2	17
3,0	1,09	18,2	15	1,25	20,8	15	1,42	23,7	16	1,54	25,7	16	1,67	27,8	16	2,07	34,5	17	2,77	46,2	17
3,5	1,17	19,5	16	1,35	22,5	16	1,53	25,5	16	1,66	27,7	16	1,80	30,0	17	2,24	37,3	17	2,99	49,8	17
4,0	1,26	21,0	16	1,44	24,0	16	1,64	27,3	17	1,78	29,7	17	1,92	32,0	17	2,39	39,8	17	3,19	53,2	17
4,5	1,33	22,2	17	1,53	25,5	17	1,74	29,0	17	1,89	31,5	17	2,04	34,0	17	2,54	42,3	18	3,39	56,5	18

PERFORMANCE ZB-22 WITH 2 FULL TURN NOZZLES

P.	4,2 mm nozzle			4,5 mm nozzle			4,8 mm nozzle			5 mm nozzle			5,2 mm nozzle			6 mm nozzle			7 mm nozzle		
	Flow rate			Flow rate			Flow rate			Flow rate			Flow rate			Flow rate			Flow rate		
bar	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m	m³/h	l/m	R. m
2,5	1,32	22,0	15	1,46	24,3	15	1,62	27,0	15	1,73	28,8	16	1,85	30,8	16	2,22	37,0	16	2,85	47,5	17
3,0	1,44	24,0	15	1,60	26,7	15	1,77	29,5	16	1,90	31,7	16	2,02	33,7	16	2,43	40,5	17	3,12	52,0	17
3,5	1,56	26,0	16	1,73	28,8	16	1,92	32,0	16	2,05	34,2	16	2,18	36,3	17	2,62	43,7	17	3,37	56,2	17
4,0	1,66	27,7	16	1,85	30,8	16	2,05	34,2	17	2,19	36,5	17	2,33	38,8	17	2,80	46,7	17	3,60	60,0	17
4,5	1,77	29,5	17	1,96	32,7	17	2,17	36,2	17	2,32	38,7	17	2,48	41,3	17	2,97	49,5	18	3,82	63,7	18

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