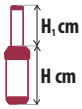
Technical Data

Perrot Regnerbau Calw >

> VP3 Series Piston Drive Pop-up Sprinkler



Code	H	H_1
OGR157	52,8	12
OGR154	68,6	12
OGR154S	68,6	12
OGR155	68,6	12

DESCRIPTION:

Application

- Suitable for synthetic sports areas

Specifications

- Nozzle: 16 - 20 - 24 mm
- Operating pressure: 4,0 ÷ 8,0 bar
- Radius: 34 ÷ 54 mt
- Hourly flow: 26 ÷ 69 m³/h
- Trajectory: 25°
- Inlet: 2" F - Inlet bushing made of brass

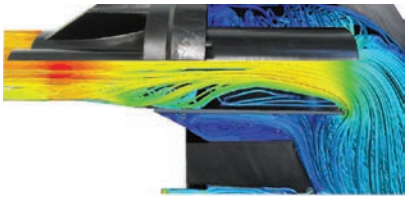
Features

- Full coverage of sports fields from the outside without any sprinklers inside the playing area
- Unique enclosed piston drive for precise irrigation
- New nozzle technology for outstanding casting ranges with less water and high distribution uniformity
- Optional: Electric valve-in-head for individual control and a time-saving and cost-efficient installation - flow-optimized valve with very low pressure loss
- Optional for valve-in-head version: „Sector Scout" defines identical start/stop point for every head - as a result the uniformity is improved; flow rate and the irrigation runtime are reduced
- All parts including the solenoid can be serviced from the top without the need for digging
- 2 years warranty

Code	Model	Coverage
OGR157	hydraulic	sector
OGR154	24V AC	sector
OGR154S	9 V latch	sector
OGR155	24V AC scout	sector

Minimum pressure bar	Exposed surface Ø mm	Cover Ø mm
4,0	350	256

Nozzle technology
The intelligent design of the nozzles evenly accelerates the water with very low turbulence from the inlet to the outlet of the nozzle; therefore, higher throw ranges at reduced flow rates

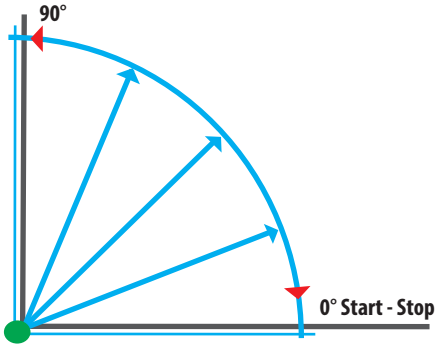


PERFORMANCE NOZZLES VP3

	16 mm nozzle			20 mm nozzle			24 mm nozzle		
	Flow rate			Flow rate			Flow rate		
Pressure bar	m³/h	l/m	Radius m	m³/h	l/m	Radius m	m³/h	l/m	Radius m
4	25,90	431,7	34	36,10	601,7	40	48,70	811,7	42
5	29,00	483,3	37	40,40	673,3	42	54,40	906,7	44
6	31,70	528,3	40	44,30	738,3	45	59,60	993,3	49
7	34,30	571,7	42	47,90	798,3	48	64,40	1.073,3	52
8	36,70	611,7	44	51,20	853,3	50	68,90	1.148,3	54

Radius calculated thanks to tests in real conditions, with the rotating sprinkler installed at ground level (model without valve - with adjustment screw set at maximum speed)

All sprinklers start parallel to the baseline
Consequently, the programming is based on the number of sectors in operation rather than on the setting of the execution time



Landscape

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