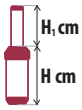
Technical Data

Perrot Regnerbau Calw >

> Hydra-2-M Series Gear Drive Pop-up Sprinkler



Code	H	H_1
OID724-5	35	8
OID728-9	35	8
OID726-7	42,7	12,6
OID728S-9S	35	8

DESCRIPTION:

Application

- Sport areas, golf courses

Specifics

- Nozzle: 7 – 8 – 9 – 10 - 11 (10 mm standard)
- Nozzles: 3,4
- Working pressure: 4,0 ÷ 7,0 bar
- Throw-range: 20 ÷ 29 mt
- Hourly flow-rate: 4,2 ÷ 12,8 m^3/h
- Angle: 25°
- Coupling: 1" ½ female - brass bush

Features

- Central flow system reduces the hydraulic friction and improves performances
- Both sectors, left (+/- 90°) and right (30°360°) are adjustable
- Closed cage rotor
- Adjustable rotation speed (100 – 150 sec/360°)
- High-resistance ball bearings
- Manteinance by sprinkler upper part
- Manual control and pressure regulation can be carried out from the top of the sprinkler (ON-OFF-AUTO)

Code	Model	Coverage
OID724	hydraulic	full circle
OID725	hydraulic	sector
OID728	24V AC	full circle
OID729	24V AC	sector
OID726	hydralic with sode cup	full circle
OID727	hydralic with sode cup	sector
OID728S	24 V AC for synthetic	full circle
OID729S	24 V AC for synthetic	sector

Code	Minimum pressure bar	Exposed surface Ø mm	Cover Ø mm
OID724-5	3,5	172	65
OID728-9	3,5	172	65
OID726-7	3,5	116	65
OID728S-9S	3,5	172	65

Landscape

HYDRA-2-M PERFORMANCE WITH 3 NOZZLES

Press.	7 mm nozzle			8 mm nozzle			9 mm nozzle			10 mm nozzle			11 mm nozzle		
	Flow rate		Radius	Flow rate		Radius	Flow rate		Radius	Flow rate		Radius	Flow rate		Radius
bar	m^3/h	l/m	m	m^3/h	l/m	m	m^3/h	l/m	m	m^3/h	l/m	m	m^3/h	l/m	m
3	4,20	70,0	20	5,40	90,0	21	6,30	105,0	22	7,50	125,0	23	8,60	143,3	24
4	4,80	80,0	22	6,00	100,0	23	7,10	118,3	24	8,40	140,0	25	9,70	161,7	26
5	5,20	86,7	24	6,50	108,3	25	7,80	130,0	26	9,20	153,3	27	10,60	176,7	28
6	5,60	93,3	25	7,00	116,7	26	8,50	141,7	27	10,00	166,7	28	11,40	190,0	29

Radius calculated thanks to tests in real conditions, with the rotating sprinkler installed at ground level (model without valve)

HYDRA-2-M PERFORMANCE WITH 4 NOZZLES

Press.	7 mm nozzle			8 mm nozzle			9 mm nozzle			10 mm nozzle			11 mm nozzle		
	Flow rate		Radius	Flow rate		Radius	Flow rate		Radius	Flow rate		Radius	Flow rate		Radius
bar	m^3/h	l/m	m	m^3/h	l/m	m	m^3/h	l/m	m	m^3/h	l/m	m	m^3/h	l/m	m
3	5,40	90,0	20	6,50	108,3	21	7,40	123,3	22	8,60	143,3	23	9,70	161,7	24
4	6,10	101,7	22	7,30	121,7	23	8,40	140,0	24	9,60	160,0	25	10,90	181,7	26
5	6,70	111,7	24	7,90	131,7	25	9,20	153,3	26	10,60	176,7	27	11,90	198,3	28
6	7,20	120,0	25	8,50	141,7	26	9,90	165,0	27	11,50	191,7	28	12,80	213,3	29

Radius calculated thanks to tests in real conditions, with the rotating sprinkler installed at ground level (model without valve)

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