

Technical Data

Perrot Regnerbau Calw >

> P2-M Piston Drive Sprinkler



DESCRIPTION:

Specifications

- Nozzle: 9 nozzles available - 18 ÷ 34 mm
- Secondary nozzle 7 mm
- Operating pressure: 5,0 ÷ 8,0 bar
- Hourly flow: 30 ÷ 122 m³/h
- Inlet: 3" F

Features

- Unique piston drive
- Constant drive without vibrations
- Rotation speed adjustable from 2 up to 7 minutes
- Long throw
- Even water distribution
- Closed case piston drive
- High pressure range
- Very low weight of 4,9 kg

Code	Model	Trajectory	Radius mt
AIR002	P2-M	25°	42 ÷ 69

DISTANCES AND PRECIPITATIONS

LAYOUTS	46 x 40	62 x 54	44 x 44	62 x 62
Distances between the sprinklers mt	46,1	36,2	15,4	31,6
Precipitation mm/h	16,1	36,2	15,4	31,6

Precipitation is valid only with full circle irrigation

P2-M PERFORMANCE WITH 2 NOZZLES

Press. bar	18 mm nozzle			20 mm nozzle			22 mm nozzle			24 mm nozzle			26 mm nozzle		
	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m
	m ³ /h	l/m		m ³ /h	l/m		m ³ /h	l/m		m ³ /h	l/m		m ³ /h	l/m	
5	29,70	495,0	42	35,70	595,0	44	42,40	706,7	46	49,70	828,3	48	57,70	961,7	50
6	32,50	541,7	45	39,10	651,7	47	46,50	775,0	49	54,40	906,7	51	63,20	1.053,3	53
7	35,10	585,0	48	42,30	705,0	50	50,20	836,7	52	58,80	980,0	54	68,20	1.136,7	57
8	37,50	625,0	50	45,20	753,3	52	53,60	893,3	54	62,90	1.048,3	56	72,90	1.215,0	59

Press. bar	28 mm nozzle			30 mm nozzle			32 mm nozzle			34 mm nozzle		
	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m
	m ³ /h	l/m		m ³ /h	l/m		m ³ /h	l/m		m ³ /h	l/m	
5	66,30	1.105,0	53	75,50	1.258,3	55	85,40	1.423,3	57	95,90	1.598,3	58
6	72,60	1.210,0	56	82,70	1.378,3	58	93,50	1.558,3	60	105,00	1.750,0	61
7	78,40	1.306,7	60	89,30	1.488,3	63	101,00	1.683,3	65	113,40	1.890,0	66
8	83,80	1.396,7	62	95,50	1.591,7	65	108,00	1.800,0	67	121,30	2.021,7	69

Ranges valid at minimum adjustable rotation speed

> P2-M-var Piston Drive Sprinkler



DESCRIPTION:

Specifications

- Nozzle: 9 nozzles available - 18 ÷ 34 mm
- Secondary nozzle 7 mm
- Operating pressure: 5,0 ÷ 8,0 bar
- Hourly flow: 30 ÷ 122 m³/h
- Inlet: 3" F

Features

- Single piston operation
- Constant rotation without vibrations
- Adjustable rotation speed 2 ÷ 7 minutes
- Uniform distribution of water
- Closed casing piston drive
- Adaptable to any geometry through the variable setting of the throw angle

Code	Model	Trajectory	Radius mt
AIR009	P2-M-var (dust reduction)	15° ÷ 47° adjustable	35 ÷ 61

PERFORMANCE P2-M-VAR WITH 2 NOZZLES - TRAJECTORY 25°

Press. bar	18 mm nozzle			20 mm nozzle			22 mm nozzle			24 mm nozzle			26 mm nozzle		
	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m
	m³/h	l/m		m³/h	l/m		m³/h	l/m		m³/h	l/m		m³/h	l/m	
5	29,70	495,0	42	35,70	595,0	44	42,40	706,7	46	49,70	828,3	48	57,70	961,7	50
6	32,50	541,7	45	39,10	651,7	47	46,50	775,0	49	54,40	906,7	51	63,20	1.053,3	53
7	35,10	585,0	48	42,30	705,0	50	50,20	836,7	52	58,80	980,0	54	68,20	1.136,7	57
8	37,50	625,0	50	45,20	753,3	52	53,60	893,3	54	62,90	1.048,3	56	72,90	1.215,0	59

Press. bar	28 mm nozzle			30 mm nozzle			32 mm nozzle			34 mm nozzle		
	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m
	m³/h	l/m		m³/h	l/m		m³/h	l/m		m³/h	l/m	
5	66,30	1.105,0	53	75,50	1.258,3	55	85,40	1.423,3	57	95,90	1.598,3	58
6	72,60	1.210,0	56	82,70	1.378,3	58	93,50	1.558,3	60	105,00	1.750,0	61
7	78,40	1.306,7	60	89,30	1.488,3	63	101,00	1.683,3	65	113,40	1.890,0	66
8	83,80	1.396,7	62	95,50	1.591,7	65	108,00	1.800,0	67	121,30	2.021,7	69

Ranges valid at minimum adjustable rotation speed

PERFORMANCE P2-M-VAR WITH 2 NOZZLES - TRAJECTORY 45°

Press. bar	18 mm nozzle			20 mm nozzle			22 mm nozzle			24 mm nozzle			26 mm nozzle		
	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m
	m³/h	l/m		m³/h	l/m		m³/h	l/m		m³/h	l/m		m³/h	l/m	
5	29,70	495,0	35	35,70	595,0	36	42,40	706,7	38	49,70	828,3	40	57,70	961,7	41
7	35,10	585,0	41	42,30	705,0	43	50,20	836,7	44	58,80	980,0	47	68,20	1.136,7	49
8	37,50	625,0	44	45,20	753,3	45	53,60	893,3	47	62,90	1.048,3	50	72,90	1.215,0	51

Press. bar	28 mm nozzle			30 mm nozzle			32 mm nozzle			34 mm nozzle		
	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m	Flow rate		Radius m
	m³/h	l/m		m³/h	l/m		m³/h	l/m		m³/h	l/m	
5	66,30	1.105,0	43	75,50	1.258,3	45	85,40	1.423,3	47	95,90	1.598,3	48
7	78,40	1.306,7	50	89,30	1.488,3	54	101,00	1.683,3	55	113,40	1.890,0	57
8	83,80	1.396,7	53	95,50	1.591,7	57	108,00	1.800,0	58	121,30	2.021,7	60

Ranges valid at minimum adjustable rotation speed