

Pin sprinklers



Pin sprinklers (round sprinklers) for irrigation of horticulture crops. Suitable when a large amount of water is to be sprayed onto a limited area in a short space or time and the demands on the uniformity are not too high. The pin sprinklers are supplied as standard with a 360° spray pattern, but are also available on request in a 180° version. The sprinklers are available with different deliveries with the corresponding colour coding on the pin.

APPLICATION

Irrigation of horticulture crops

CHARACTERISTICS

- ✓ 8 different deliveries with corresponding colour coding
- ✓ Supplied as standard with 360° spray pattern (180° pins available on request)

TECHNICAL DATA

Flow rate	: see table
Rec. working pressure	: 2.0 bar
Working pressure	: 1 – 2 bar (with increasing flow rate)
Filtration	: 200 micron : 130 micron with automatic filters
Material	: polyethylene (body) : Stainless steel / ABS (pin)
Connection	: 3/8 WW or M11
Option	: 180° pin

INSTALLATION & MAINTENANCE

Installation

- ✓ Installation both downwards and upright
- ✓ The use of drain valves is recommended
- ✓ Combination possible with VDL extension lines or VDL non-return valves
- ✓ Due to the type of sprinkler it is not possible to calculate the uniformity of the irrigation
- ✓ Flush the installation well before putting into operation

Maintenance

- ✓ For cleaning of the sprinklers, please refer to chapter "Installation and maintenance of sprinkler system", Cleaning instructions.
- ✓ Check at regular intervals if the correct working pressure is still set.

Average flow rate vs. pressure and diameter

Colour	Brown	Green	Grey	Blue	Red	Orange	Black	Violet
Diameter (mm)	2,55	2,65	2,75	2,85	2,95	3,05	3,25	3,45
Pressure (bar)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)
1,0 bar	138	156	174	180	198	204	222	246
1,5 bar	168	186	204	216	234	252	276	300
2,0 bar	192	216	234	252	276	294	318	348