



## SPINNET™ SD

### BRIDGELESS MICRO-SPRINKLER WITH SHOULDER DISTRIBUTOR



#### APPLICATIONS

Greenhouses, Nurseries, Tunnels.

#### SPECIFICATIONS

- Micro-sprinkler with a specifically designed connector (SD – shoulder distributor) that achieves excellent results when rectangular irrigation is needed.
- Bridgeless design.
- Micro-sprinkler, 6 different flow rates : 090/050, 120/070, 160/070, 160/090, 200/090, 200/120 l/h.  
Nominal flow rates at 2.0 bar pressure.
- Recommended working pressure: 2.0 up to 3.0 bar.
- Recommended filtration : 130 micron / 120 mesh.  
Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydro-cyclone filter is to be installed before the main filter. When sand/ silt/ clay solids exceed 100 ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- Inlet connector: Press fit.
- 3 different rotors:
  - LR - High trajectory, colored Green
  - FLT - Flat distributor, colored Gray
  - SR - Low trajectory, colored Blue

#### FEATURES AND BENEFITS

- Bridgeless design eliminates dripping.
- Interchangeable components. SpinNet™SD micro-sprinklers can be disassembled by hand should they need cleaning - no tools are required.
- Acid resistant (AA) raw materials, thus allowing the application chemicals to pass through the system. The system can be cleaned by application of suitable acid treatments.
- Excellent uniformity distribution on a single irrigation line. Traditional sprinkler layout spaces the sprinklers "head to head" or at spacing equal to the radius of the sprinkler throw. For larger areas, the patterns are overlapped. The SpinNet™ SD solution avoids the problems of the traditional sprinkler layout and achieves a high level of uniformity within a closely spaced "strip of sprinklers".
- Specially designed to fully cover rectangular areas with excellent uniformity distribution and high percentage of the water within the required rectangular area.
- Strongly recommended to connect the SpinNet™SD to the distribution pipe with a SSPE (super soft PE) micro-tube, a specifically designed stabilizer and AD valve (anti-drain) that will prevent distribution pipe drainage.

## SPINNET™ SD TECHNICAL DATA

MODEL	NOMINAL FLOW RATE * (L/H)	NOZZLE CODE COLOR	NOZZLE SIZE (MM)	SD CONN NOZZLE SIZE (MM)	CONSTANT K	EXPONENT X	RECOMMENDED WORKING PRESSURE (BAR)
090/050	52	Orange + Orange	1.22	1.20	11.6	0.5	2.0 to 3.0
120/070	68	Red + Red	1.44	1.46	15.2	0.5	2.0 to 3.0
160/070	79	Brown + Red	1.76	1.46	17.7	0.5	2.0 to 3.0
160/090	88	Brown + Brown	1.76	1.56	19.7	0.5	2.0 to 3.0
200/090	92	Yellow + Brown	1.86	1.56	20.6	0.5	2.0 to 3.0
200/120	123	Yellow + Yellow	1.86	1.87	27.5	0.5	2.0 to 3.0

\*Nominal flow rate at 2.0 bar

MODEL	NOZZLE CODE COLOR	WETTED DIAMETER (M)	SWIVEL (ROTOR) CODE COLOR LR MODEL	WETTED DIAMETER (M)	SWIVEL (ROTOR) CODE COLOR FLT MODEL	WETTED DIAMETER (M)	SWIVEL (ROTOR) CODE COLOR SR MODEL
090/050	Orange + Orange	N/A	N/A	N/A	N/A	5.5	Blue
120/070	Red + Red	7.5	Green	7.5	Gray	6.0	Blue
160/070	Brown + Red	6.5	Green	6.0	Gray	5.5	Blue
160/090	Brown + Brown	7.0	Green	6.5	Gray	5.5	Blue
200/090	Yellow + Brown	6.5	Green	6.5	Gray	5.5	Blue
200/120	Yellow + Yellow	8.0	Green	7.5	Gray	6.5	Blue

The wetted diameter was measured at 1.5 meters height and at 2.5 bar working pressure

## PACKAGING DATA

SPINNET™ SD	QUANTITY P/BOX UNITS	BOX SIZE (CM X CM X CM)	BOX WEIGHT (KG)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGHT (KG)
Head & SD connector	1250	18 x 34 x 79	12.9	20	25000	268
Complete stand (30 cm) w/stabilizer & AD valve	150	28 x 28 x 57	11.5	32	4800	368
Complete stand (60 cm) w/stabilizer & AD valve	100	18 x 34 x 79	8.4	20	2000	176

## SPINNET™ SD

Flowchart to determine the desired product definition

How to use: To determine the desired product definition select one of every set of options displayed on the chart.

