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.
- 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

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

*Nominal flow rate at 2.0 bar

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

PACKAGING DATA

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

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.

**Emitter**

- **SpinNet™ SD**
- **SpinNet™ SD**

**Dispersion Deflector**

- High trajectory (LR)
- Flat distribution (FLT)
- Low trajectory (SR)

**Head Inlet Connector**

- Press fit male (MIC)

**Flow**

- 80/50 l/h
- 120/70 l/h
- 160/70 l/h
- 160/90 l/h
- 200/90 l/h
- 200/120 l/h

**Stand Assembly**

- Head only (HEAD ONLY)
- Head + 15 cm microtube + Stabilizer (15CM_WSTB)
- Head + 30 cm microtube + Stabilizer (30CM_WSTB)
- Head + 60 cm microtube + Stabilizer (60CM_WSTB)
- Head + 90 cm microtube + Stabilizer (90CM_WSTB)
- Head + XXX cm microtube + Stabilizer (XXXCM_WSTB)

**Connector to Lateral**

- Barb
- Press fit PFC
- Press fit 3/8”
- Press fit M11
- Press fit M11C

**Accessories**

- AD valve 1.5/0.7 bar
- AD valve 2.0/0.9 bar

*When selecting an undefined tube length, add the desired length in writing.

**Standard supplied micro-tube: 4*6.5 SSPE colored light gray