

# SuperNet™ SR & SRD

## SHORT RANGE & SHORT RANGE WITH DEFLECTOR

Irrigation of tree plantations, and orchards where ground is shaded by the foliage, leaving dry strips between the rows.



Pressure compensated



Reduces maintenance



Higher reliability & longevity

Applications



Under tree irrigation as single head



Orchards frost mitigation



Orchards cooling

## / Benefits & Features

→ Ensures higher crop uniformity

Thanks to a unique design of pressure compensation mechanism and special design of the sprinkler swivel and water channel

→ Achieves optimal results in a varied topography area

With a unique pressure compensated mechanism, the SuperNet™ SR & SRD ensures uniform water and nutrient distribution around the tree, regardless of sprinkler's inlet pressures (within pressure range)

→ Reduced maintenance and higher reliability & longevity

The water passage area is 30% larger (depending on the flow rate) than industry standard eliminates clogging issues

Anti-ant mechanism preventing insect penetration into the area of the micro sprinkler nozzle

Special row materials made the SuperNet™ resistant to all agrochemicals & weather conditions

# Specifications & Recommendations

- ✓ SR is a dynamic swivel irrigating a Short Range area as single head
- ✓ SRD, Short Range with Deflector. The stream deflector concentrates all the water in the area close to the young tree, and it can be broken, allowing for extended irrigation diameter
- ✓ 9 different flow rates: 20, 30, 35, 40, 50, 58, 70, 90, 110l/h. Flow rates within Pressure range
- ✓ Pressure range: 1.5-4.0bar
- ✓ 5 types of inlet connectors: Barb, Self-tapping, Press fit, 3/8", 1/2" male threaded
- ✓ 4 types of upper bearing:
  - Standard = STUB - for normal water
  - Everspin™ = ESUB - for harsh conditions
  - Spring = SPUB, for upside-down installation
  - Everspin+Spring = SPES
- ✓ SR swivel color for all flow rates is Blue
- ✓ The regulation chamber is color coded for easy identification of the flow rate
- ✓ Conformity with ISO8026 standards (SI 1406)
- ✓ Recommended filtration\*: 200mic./80mesh

\*Note: Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100ppm, pre-treatment shall be applied according to Netafim™ instructions

## → Technical Data

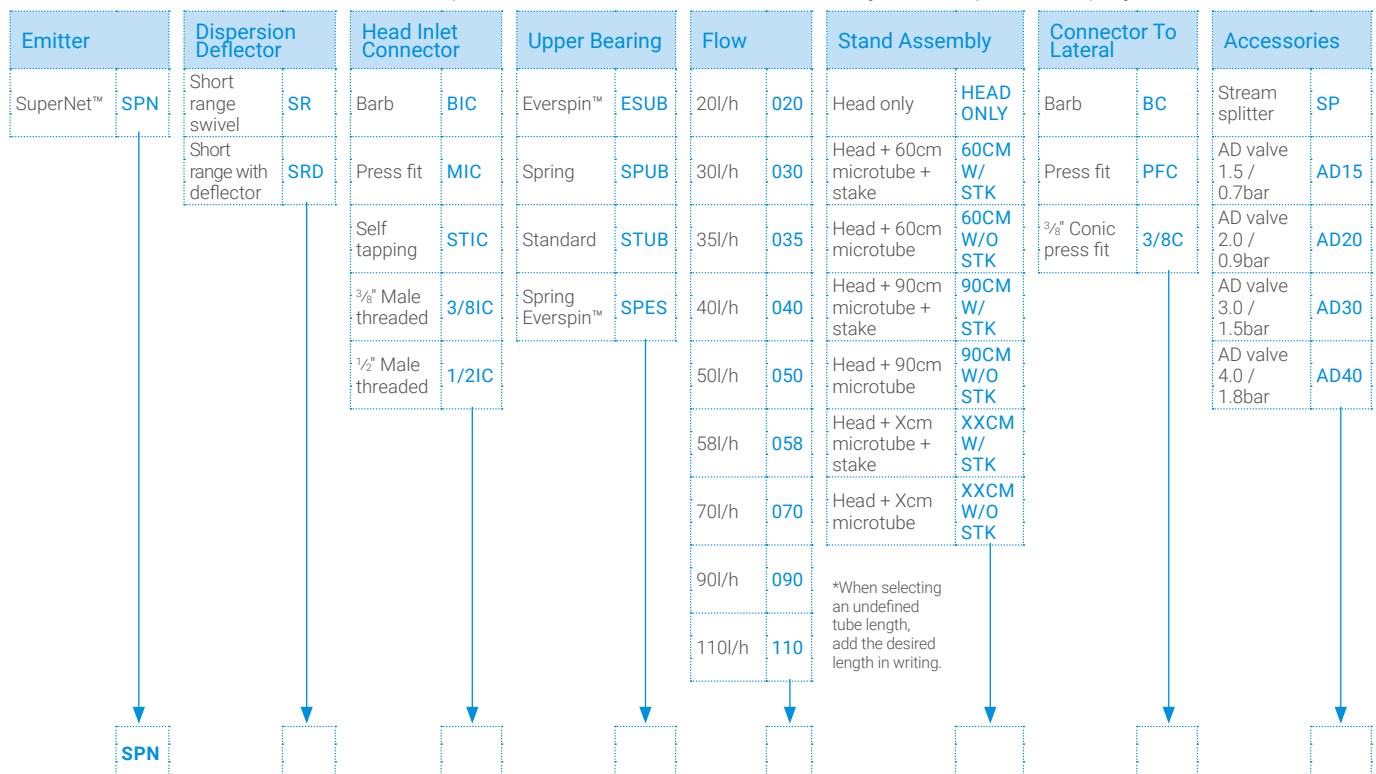
Model	Flow Rate (l/h)*	Regulation Chamber Code Color	Nozzle Size (mm)	Working Pressure Range (bar)	Constant K	Exponent* X	Wetted Diameter (m)		Swivel (Rotor) Code Color
							SR Model 20cm Above Ground	SRD Model 20cm Above Ground	
020	20	Dark pink	0.89	1.5 - 4.0	20	0	2.5	1.8	Blue
030	30	Brown	1.14	1.5 - 4.0	30	0	3.5	1.8	
035	35	Light Blue	1.20	1.5 - 4.0	35	0	3.5	1.8	
040	40	Blue	1.28	1.5 - 4.0	40	0	3.5	1.8	
050	50	Green	1.43	1.5 - 4.0	50	0	4.5	1.8	
058	58	Grey	1.55	1.5 - 4.0	58	0	4.5	1.8	
070	70	Black	1.73	1.5 - 4.0	70	0	5.0	1.8	
090	90	Orange	1.74	1.5 - 4.0	90	0	5.0	2.0	
110	110	Red	1.70	2.0 - 4.0	110	0	6.5	2.0	

\* Within working pressure range

## → Ordering Information

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.



→ Packaging Data

SuperNet™ SR & SRD	Qty. P/Box Units	Box Size (cm x cm x cm)	Box Weight (kg)	Boxes P/Pallet	Total Units P/Pallet	Pallet Weight (kg)
Head only	500	28 x 28 x 57	10.1	32	16000	335
Complete stand, 60cm micro tube length, w/stake	100	18 x 34 x 79	8.3	20	2000	178
Complete stand, 60cm micro tube length, w/o stake	200	18 x 34 x 79	7.5	20	4000	162
Complete stand, 90cm micro tube length, w/stake	100	28 x 27 x 113	7.1	16	1600	124
Complete stand, 90cm micro tube length, w/o stake	200	28 x 27 x 113	6.7	16	3200	117

→ SuperNet™ SR Head Only With Standard Upper Bearing

Model & Regulation Chamber Color	Swivel Color	BIC	STIC	MIC	3/8IC	1/2IC
020 / Dark pink	Blue	63500-000003			63500-106550	
030 / Brown					63500-106650	63500-110150
035 / Light blue						
040 / Blue						
050 / Green						
058 / Grey					63500-121500	63500-110450
070 / Black						
090 / Orange						
110 / Red						

- Background color defines the code color of the respective swivel

→ SuperNet™ SR Head Only With Everspin™ Upper Bearing

Model & Regulation Chamber Color	Swivel Color	BIC	STIC	MIC	3/8IC	1/2IC	
020 / Dark pink	Blue			63500-000070	63500-106560		
030 / Brown				63500-119105			
035 / Light blue							
040 / Blue					63500-120305		
050 / Green							
058 / Grey							
070 / Black						63500-122105	
090 / Orange						63500-122705	
110 / Red							

- Background color defines the code color of the respective swivel

→ SuperNet™ SR Head Only With Spring Upper Bearing

Model & Regulation Chamber Color	Swivel Color	BIC	STIC	MIC	3/8IC	1/2IC		
020 / Dark pink	Blue	63500-023455	63500-075451	63500-119103				
030 / Brown								
035 / Light blue								
040 / Blue								
050 / Green								
058 / Grey								
070 / Black								63500-122090
090 / Orange								
110 / Red								

- Background color defines the code color of the respective swivel



→ SuperNet™ SR Assembly Stands With Stake

**How to use:** Replace **X** with: inlet connector type / **Y** with: flow rate / **Z** with: microtube length

**BC** = Barb connector to lateral / **PFC** = Press fit to lateral

	Flow Rate (l/h)	60cm			90cm		
		STIC	MIC	BIC	STIC	MIC	BIC
<b>BC</b> Code Master SPN SR <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK BC  Example SPN SR <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK BC	20		63500-113830	63500-022550			63500-022950
	30	63500-075850		63500-023850			63500-024250
	35	63500-075425			63500-075430		
	40			63500-025150	63500-077550		63500-025610
	50	63500-078450		63500-026450			
	58			63500-027750			
	70	63500-081050		63500-029050			
	90	63500-082350					
	110	63500-083650		63500-031650			
<b>PFC</b> Code Master SPN SR <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK PFC  Example SPN SR <b>MIC</b> STUB <b>020</b> L/H <b>30</b> CM W/STK PFC	20						
	30						
	35	63500-075440					
	40	63500-076900		63500-025180			
	50						
	58						
	70						
	90			63500-030250			
	110						



→ SuperNet™ SR Assembly Stands Without Stake

**How to use:** Replace **X** with: inlet connector type / **Y** with: flow rate / **Z** with: microtube length

**BC** = Barb connector to lateral / **PFC** = Press fit to lateral

	Flow Rate (l/h)	60cm			90cm		
		STIC	MIC	BIC	STIC	MIC	BIC
<b>BC</b> Code Master SPN SR <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK BC  Example SPN SR <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK BC	20			63500-022350			
	30			63500-023650			63500-024260
	35	63500-075427		63500-023430		63500-119720	
	40	63500-076950			63500-077350		
	50	63500-078250	63500-115655				63500-026650
	58			63500-027550	63500-079950		
	70	63500-080850		63500-028850			63500-029250
	90						
	110						
<b>PFC</b> Code Master SPN SR <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK PFC  Example SPN SR <b>MIC</b> STUB <b>020</b> L/H <b>30</b> CM W/O STK PFC	20						
	30			63500-023740			
	35						
	40						
	50						
	58						
	70						
	90						
	110						

- Missing catalog numbers available upon request

- Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.

→ SuperNet™ SRD Head Only With Standard Upper Bearing

Model & Regulation Chamber Color	Swivel Color	BIC	STIC	MIC	3/8IC	1/2IC	
020 / Dark pink	Blue						
030 / Brown							
035 / Light blue							
040 / Blue							
050 / Green							
058 / Grey							63500-000008
070 / Black							
090 / Orange							
110 / Red							

- Background color defines the code color of the respective swivel

→ SuperNet™ SRD Head Only With Everspin™ Upper Bearing

Model & Regulation Chamber Color	Swivel Color	BIC	STIC	MIC	3/8IC	1/2IC	
020 / Dark pink	Blue						
030 / Brown							
035 / Light blue							
040 / Blue							
050 / Green							
058 / Grey							
070 / Black							
090 / Orange							
110 / Red							

- Background color defines the code color of the respective swivel



### → SuperNet™ SRD Assembly Stands With Stake

**How to use:** Replace **X** with: inlet connector type / **Y** with: flow rate / **Z** with: microtube length

**BC** = Barb connector to lateral / **PFC** = Press fit to lateral

	Flow Rate (l/h)	60cm			90cm		
		STIC	MIC	BIC	STIC	MIC	BIC
<b>BC</b> Code Master SPN SRD <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK BC  Example SPN SRD <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK BC	20		63500-118655	63500-032950			
	30	63500-086250	63500-119265	63500-034250			63500-034650
	35	63500-035110	63500-119870	63500-035120	63500-087120		
	40	63500-087550	63500-120470	63500-035550	63500-087950		63500-035950
	50	63500-088850	63500-121010	63500-036850			63500-037250
	58		63500-121615	63500-038150			
	70	63500-091450	63500-122270	63500-039450	63500-091850		63500-039850
	90	63500-092750	63500-122870	63500-040750			63500-041150
	110		63500-123470	63500-042050			63500-042450
<b>PFC</b> Code Master SPN SRD <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK PFC  Example SPN SRD <b>MIC</b> STUB <b>020</b> L/H <b>30</b> CM W/STK PFC	20						
	30						
	35						63500-035147
	40			63500-035630			
	50						
	58						
	70			63500-039350			
	90				63500-092900		
	110				63500-094860		63500-042260



### → SuperNet™ SRD Assembly Stands Without Stake

**How to use:** Replace **X** with: inlet connector type / **Y** with: flow rate / **Z** with: microtube length

**BC** = Barb connector to lateral / **PFC** = Press fit to lateral

	Flow Rate (l/h)	60cm			90cm		
		STIC	MIC	BIC	STIC	MIC	BIC
<b>BC</b> Code Master SPN SRD <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK BC  Example SPN SRD <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK BC	20	63500-000042	63500-118650	63500-032960			
	30	63500-086050	63500-119250	63500-034050			
	35		63500-119850	63500-000037			
	40	63500-087350	63500-120450	63500-035350			63500-035750
	50	63500-088650	63500-121050	63500-036650			
	58	63500-089950	63500-121650				
	70	63500-091250	63500-122250	63500-039250			
	90		63500-122850				
	110		63500-123450	63500-041850			
<b>PFC</b> Code Master SPN SRD <b>X</b> STUB <b>X</b> L/H <b>XX</b> CM W/O STK PFC  Example SPN SRD <b>MIC</b> STUB <b>020</b> L/H <b>30</b> CM W/O STK PFC	20	63500-085620					
	30			63500-033950	63500-086260		
	35						
	40						
	50						
	58						
	70						
	90						
	110						

- Missing catalog numbers available upon request

- Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.