

# GyroNet™ SR & SRD

## SHORT RANGE & SHORT RANGE WITH DEFLECTOR

Irrigation of tree plantations with small root zone size in flat terrians, where ground is shaded by the foliage, to ensure dry strips between the rows.



Anti-ant  
mechanism



High clogging  
resistance



Higher reliability  
& longevity

Applications



Under tree  
irrigation



Orchards  
frost  
mitigation



Orchards  
cooling

## / Benefits & Features

- Ensures higher crop uniformity  
Thanks to unique design of the sprinkler's rotor water channel
- Reduced maintenance and repair cost  
The GyroNet™ has pop-up swivel, functions as anti-ant mechanism, preventing insect penetration into the area of the micro-sprinkler nozzle
- Higher reliability & longevity  
Long-term reliable service, simple, modular parts, clog resistant design  
Specialty raw material makes it 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
- ✓ 10 different flow rates: 27, 40, 58, 70, 90, 120, 150, 200, 250, 300l/h
- ✓ Nominal flow rate at: 1.7bar
- ✓ Recommended pressure range: 1.5-2.5bar
- ✓ 3 types of inlet connectors: Self-tapping, Press fit,  $\frac{3}{8}$ "
- ✓ 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 colored Blue for all flow rates
- ✓ The nozzle is color coded for easy identification of the flow rate
- ✓ Conformity with ISO 8026 standards (SI 1406)
- ✓ Recommended filtration\*: 200 mic./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

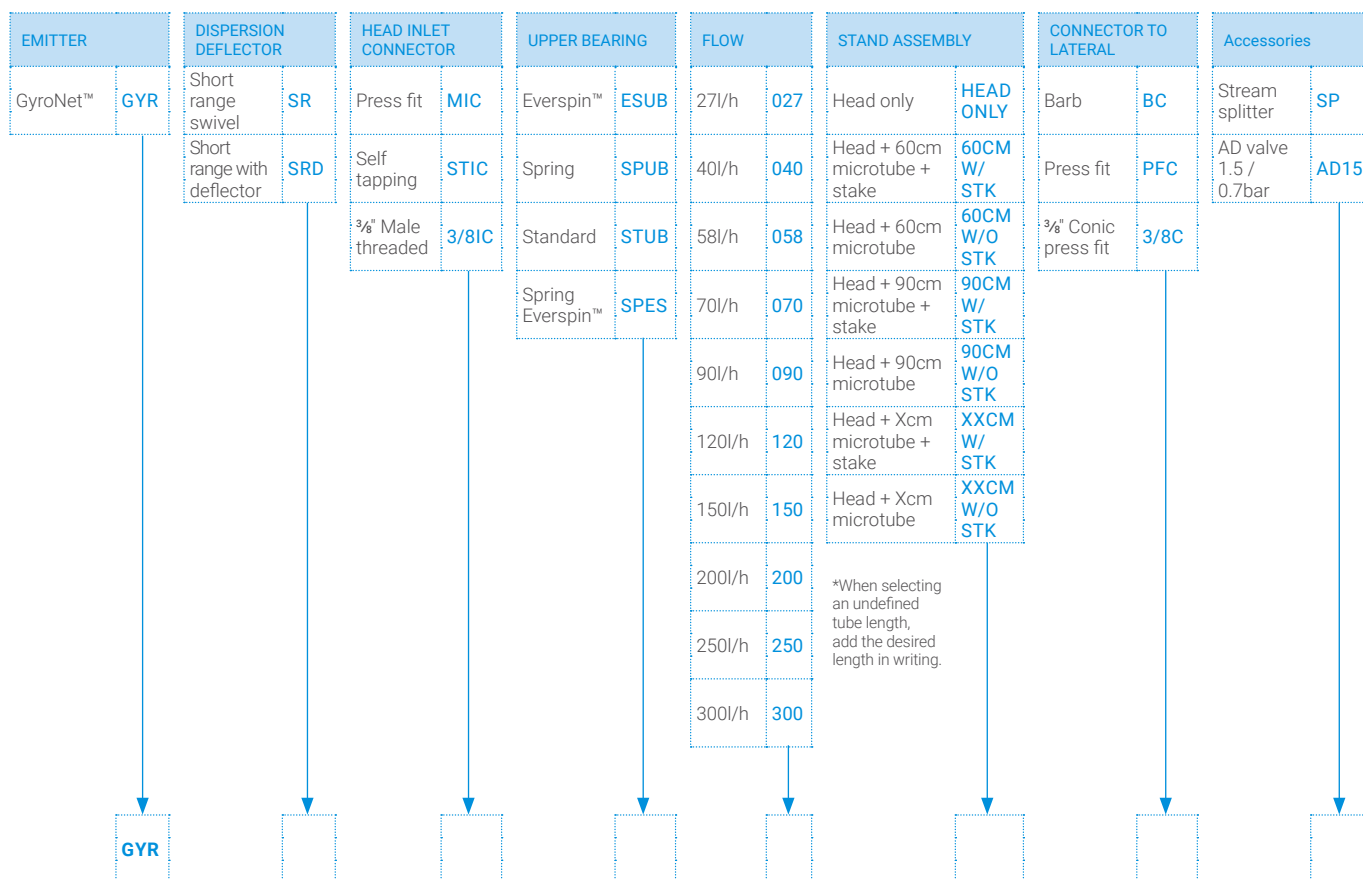
## → Technical Data

Model	Nozzle Code Color	Nozzle Size (mm)	Constant K	Exponent X	Maximum Working Pressure (bar)	Wetted Diameter (m)		Swivel (Rotor) Code Color
						SR 20cm Above Ground	SRD 20cm Above Ground	
027	Brown	0.75	6.7	0.5	2.5	3.5	1.3	Blue
040	Blue	0.90	9.4	0.5	2.5	4.5	1.3	
058	Grey	1.10	13.5	0.5	2.5	5.0	1.3	
070	Black	1.20	17.4	0.5	2.5	5.5	1.3	
090	Orange	1.40	22.4	0.5	2.5	6.0	1.3	
120	Red	1.57	28.8	0.5	2.5	6.5	1.3	
150	Sky blue	1.77	37.5	0.5	2.5	7.0	2.5	
200	Yellow	2.04	49.1	0.5	2.5	8.5	2.5	
250	Dark pink	2.28	61.9	0.5	2.5	8.5	3.5	
300	Green	2.48	73.2	0.5	2.5	8.5	3.5	

## → 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

GyroNet™ LR & LRD	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 only	1000	28 x 28 x 57	12.5	32	32000	412
Complete stand (60cm) w/stake	100	18 x 34 x 79	6.3	20	2000	137
Complete stand (60cm) w/o stake	250	18 x 34 x 79	7.1	20	5000	153
Complete stand (90cm) w/stake	150	28 x 27 x 113	7.6	18	2700	147
Complete stand (90cm) w/o stake	200	28 x 27 x 113	8.1	18	3600	155

## → GyroNet™ SR Head Only With Standard Upper Bearing

Model & Nozzle Color	Swivel Color	STIC	MIC	3/8IC
027 / Brown	Blue			
040 / Blue				
058 / Grey				
070 / Black				
090 / Orange				64000-076700
120 / Red				
150 / Sky blue				
200 / Yellow				64000-077200
250 / Dark pink				
300 / Green				

- Background color defines the code color of the respective swivel

→ GyroNet™ SR Head Only With Everspin™ Upper Bearing

Model & Nozzle Color	Swivel Color	STIC	MIC	3/8IC	
027 / Brown	Blue				
040 / Blue					
058 / Grey					
070 / Black					
090 / Orange					
120 / Red					
150 / Sky blue			64000-000007		64000-077020
200 / Yellow					64000-077220
250 / Dark pink					
300 / Green					

→ GyroNet™ SR Head Only With Spring Upper Bearing

Model & Nozzle Color	Swivel Color	STIC	MIC	3/8IC	
027 / Brown	Blue				
040 / Blue					
058 / Grey					
070 / Black			64000-009960		
090 / Orange					
120 / Red					
150 / Sky blue					
200 / Yellow					
250 / Dark pink				64000-038510	
300 / Green					

- Background color defines the code color of the respective swivel

→ GyroNet™ 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	STIC	MIC
<b>BC</b>  <b>Code Master</b> GYR SR <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK BC  <b>Example</b> GYR SR <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK BC	27				
	40				
	58				
	70				
	90				
	120				
	150				
	200				
	250				
	300				
<b>PFC</b>  <b>Code Master</b> GYR SR <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK PFC  <b>Example</b> GYR SR <b>MIC</b> STUB <b>020</b> L/H <b>30</b> CM W/STK PFC	27				
	40				
	58				
	70				
	90				
	120				
	150				
	200				
	250				
	300				

→ GyroNet™ 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

		60cm		90cm	
		STIC	MIC	STIC	MIC
<b>BC</b>	<b>Code Master</b> GYR SR <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK BC				
	<b>Example</b> GYR SR <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK BC				
	27				
	40				
	58				
	70				
	90				
	120				
	150				
	200				
<b>PFC</b>	<b>Code Master</b> GYR SR <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK PFC				
	<b>Example</b> GYR SR <b>MIC</b> STUB <b>020</b> L/H <b>30</b> CM W/O STK PFC				
	27				
	40				
	58				
	70				
	90				
	120				
	150				
	200				
250					
300					

- 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.

→ GyroNet™ SRD Head Only With Standard Upper Bearing

Model & Nozzle Color	Swivel Color	STIC	MIC	3/8IC
027 / Brown	Blue			
040 / Blue				
058 / Grey				
070 / Black				
090 / Orange				
120 / Red				64000-077805
150 / Sky blue				64000-078000
200 / Yellow				
250 / Dark pink				
300 / Green				

→ GyroNet™ SRD Head Only With Everspin™ Upper Bearing

Model & Nozzle Color	Swivel Color	STIC	MIC	3/8IC
027 / Brown	Blue			
040 / Blue				
058 / Grey				
070 / Black				
090 / Orange				
120 / Red				64000-077820
150 / Sky blue				64000-078020
200 / Yellow				
250 / Dark pink				
300 / Green				

- Background color defines the code color of the respective swivel

→ GyroNet™ 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	STIC	MIC
<b>BC</b> Code Master GYR SRD <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK BC  Example GYR SRD <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/STK BC	27		64000-031840		
	40	64000-012950	64000-032250	64000-013350	64000-032650
	58		64000-033140	64000-013845	
	70	64000-014250	64000-033550		64000-033950
	90		64000-034420	64000-014650	
	120	64000-015550	64000-034850	64000-015950	64000-035250
	150				
	200		64000-039510		
	250				
	300				

<b>PFC</b> Code Master GYR SRD <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/STK PFC  Example GYR SRD <b>MIC</b> STUB <b>020</b> L/H <b>30</b> CM W/STK PFC	27				
	40	64000-012850	64000-032150	64000-013250	64000-032550
	58				
	70	64000-014150	64000-033450	64000-014550	64000-033850
	90				64000-034415
	120	64000-015450		64000-015850	64000-035150
	150				
	200				
	250				
	300				

→ GyroNet™ 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

		60cm		90cm		
		STIC	MIC	STIC	MIC	
		Flow Rate (l/h)				
<b>BC</b>	<b>Code Master</b> GYR SRD <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK BC  <b>Example</b> GYR SRD <b>STIC</b> STUB <b>020</b> L/H <b>60</b> CM W/O STK BC	27	64000-012535	64000-000009	64000-012540	
		40	64000-012750	64000-032050	64000-013150	64000-032450
		58				
		70	64000-014050	64000-033560	64000-014450	64000-033750
		90	64000-015350			
		120		64000-034650	64000-015750	64000-035050
		150				
		200		64000-039520		
		250				
		300				
<b>PFC</b>	<b>Code Master</b> GYR SRD <b>X</b> STUB <b>Y</b> L/H <b>Z</b> CM W/O STK PFC  <b>Example</b> GYR SRD <b>MIC</b> STUB <b>020</b> L/H <b>30</b> CM W/O STK PFC	27				
		40	64000-012650	64000-031950	64000-013050	64000-032350
		58				
		70	64000-013950	64000-033250	64000-014350	64000-033650
		90				
		120	64000-015250	64000-034550	64000-015650	64000-034950
		150				
		200				
		250				
		300				

- 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.