

GyroNet™ LR & LRD

LONG RANGE & LONG RANGE WITH DEFLECTOR

Irrigation of tree plantations with large root volumes in flat terrains.



Anti-Ant
Mechanism



High Clogging
Resistance



Higher Reliability &
Longevity

Applications



Under tree
irrigation as
single head



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

Specs. & Recommendations

- LR is a dynamic swivel irrigating a Long Range area as single head
- LRD, Long 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, 300 L/H
- **Nominal flow rate at:** 1.7 bar
- **Recommended pressure range:** 1.5-2.5 bar
- **3 types of inlet connectors:** Self-tapping, Press fit, 3/8"
- **2 types of upper bearing:**
Standard = STUB - for normal water
Everspin™ = ESUB - for harsh conditions"
- LR swivel colored Purple for flows 27-40, Black for 70-120 and Grey for 150-300 L/H
- The nozzle is color coded for easy identification of the flow rate
- Conformity with ISO 8026 standards (SI 1406)
- **Recommended filtration*:** 200 mic./80 mesh

*Note: Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100 ppm, 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
						LR 20 CM ABOVE GROUND	LRD 20 CM ABOVE GROUND	
027	BROWN	0.75	6.7	0.5	2.5	4.0	1.5	DARK PINK
040	BLUE	0.90	9.4	0.5	2.5	5.5	1.5	
058	GREY	1.10	13.5	0.5	2.5	7.0	1.5	
070	BLACK	1.20	17.4	0.5	2.5	7.0	2.0	BLACK
090	ORANGE	1.40	22.4	0.5	2.5	7.0	2.0	
120	RED	1.57	28.8	0.5	2.5	8.0	2.0	
150	SKY BLUE	1.77	37.5	0.5	2.5	8.5	N/A	GREY
200	YELLOW	2.04	49.1	0.5	2.5	9.5	N/A	
250	DARK PINK	2.28	61.9	0.5	2.5	10.0	N/A	
300	GREEN	2.48	73.2	0.5	2.5	11.0	N/A	

→ 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 (60 CM) W/STAKE	100	18 X 34 X 79	6.3	20	2000	137
COMPLETE STAND (60 CM) W/O STAKE	250	18 X 34 X 79	7.1	20	5000	153
COMPLETE STAND (90 CM) W/STAKE	150	28 X 27 X 113	7.6	18	2700	147
COMPLETE STAND (90 CM) W/O STAKE	200	28 X 27 X 113	8.1	18	3600	155

→ 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.

EMITTER		DISPERSION DEFLECTOR		HEAD INLET CONNECTOR		UPPER BEARING		FLOW		STAND ASSEMBLY		CONNECTOR TO LATERAL		ACCESSORIES	
GyroNet™	GYR	Long range swivel	LR	Press fit	MIC	EverSpin™	ESUB	27 l/h	027	Head only	HEAD ONLY	Barb	BC	Stream splitter	SP
		Long range with deflector	LRD	Self tapping	STIC	Standard	STUB	40 l/h	040	Head + 60 cm microtube + stake	60CM W/ STK	Press fit	PFC	AD valve 1.5/0.7 bar	AD15
			3/8" Male threaded	3/8IC			58 l/h	058	Head + 60 cm microtube	60CM W/O STK	3/8" Conic press fit	3/8C			
							70 l/h	070	Head + 90 cm microtube + stake	90CM W/ STK					
							90 l/h	090	Head + 90 cm microtube	90CM W/O STK					
							120 l/h	120	Head + xxx cm microtube + stake	XXCM W/ STK					
							150 l/h	150	Head + xxx cm microtube	XXCM W/O STK					
							200 l/h	200			*When selecting an undefined tube length, add the desired length in writing.				
						250 l/h	250								
						300 l/h	300								

→ GyroNet™ LR HEAD ONLY WITH STANDARD UPPER BEARING

MODEL & NOZZLE COLOR	SWIVEL COLOR	STIC	MIC	3/8IC
027 / BROWN	DARK PINK	64000-000800	64000-020200	N/A
040 / BLUE		64000-001000	64000-020300	N/A
058 / GREY	BLACK	64000-002260	64000-021560	N/A
070 / BLACK		64000-002300	64000-021600	64000-078400
090 / ORANGE		64000-003555	64000-022855	
120 / RED		64000-003600	64000-022900	64000-078621
150 / SKY BLUE		64000-012505	64000-070000	64000-078800
200 / YELLOW	GREY	N/A	64000-071500	64000-079200
250 / DARK PINK		N/A	64000-073000	
300 / GREEN		N/A	64000-074500	

→ GyroNet™ LR HEAD ONLY WITH EverSpin™ UPPER BEARING

MODEL & NOZZLE COLOR	SWIVEL COLOR	STIC	MIC	3/8IC
027 / BROWN	DARK PINK	64000-000805		N/A
040 / BLUE		64000-001010		N/A
058 / GREY	BLACK	64000-002262		N/A
070 / BLACK		64000-002305		64000-078420
090 / ORANGE		64000-003557	64000-022930	
120 / RED		64000-003610	64000-022945	64000-078820
150 / SKY BLUE		64000-012507	64000-070010	
200 / YELLOW	GREY	N/A	64000-071100	
250 / DARK PINK		N/A	64000-071250	
300 / GREEN		N/A	64000-071400	

→ GyroNet™ LR ASSEMBLY STANDS

MODEL	027	040	058	070	090	120	150	200	250	300
GYR LR STIC STUB XXX 60CM W/STK BC	64000-000880	64000-001400		64000-002700	64000-003575	64000-004000		N/A	N/A	N/A
GYR LR STIC STUB XXX 60CM W/STK PFC		64000-001300	64000-002290	64000-002600				N/A	N/A	N/A
GYR LR MIC STUB XXX 60CM W/STK BC		64000-020700		64000-022000		64000-023300				
GYR LR MIC STUB XXX 60CM W/STK PFC				64000-021900						
GYR LR STIC STUB XXX 90CM W/STK BC			64000-002296	64000-003100				N/A	N/A	N/A
GYR LR STIC STUB XXX 90CM W/STK PFC		64000-001700						N/A	N/A	N/A
GYR LR MIC STUB XXX 90CM W/STK BC		64000-021100								
GYR LR MIC STUB XXX 90CM W/STK PFC		64000-021000		64000-022300	64000-022854	64000-023600				
GYR LR STIC STUB XXX 60CM W/O STK BC		64000-001200		64000-002500	64000-003570			N/A	N/A	N/A
GYR LR STIC STUB XXX 60CM W/O STK PFC	64000-000850	64000-001100	64000-002280	64000-002400	64000-003578	64000-003700	64000-004853	N/A	N/A	N/A
GYR LR MIC STUB XXX 60CM W/O STK BC										
GYR LR MIC STUB XXX 60CM W/O STK PFC										
GYR LR STIC STUB XXX 90CM W/O STK BC			64000-002295	64000-003110	64000-003578	64000-004200		N/A	N/A	N/A
GYR LR STIC STUB XXX 90CM W/O STK PFC								N/A	N/A	N/A
GYR LR MIC STUB XXX 90CM W/O STK BC				64000-022200						
GYR LR MIC STUB XXX 90CM W/O STK PFC	64000-500320	64000-020800		64000-022100		64000-023640				

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4*6.5 mm black SPE micro-tube.

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

→ GyroNet™ LRD HEAD ONLY WITH STANDARD UPPER BEARING

MODEL & NOZZLE COLOR	SWIVEL COLOR	STIC	MIC	3/8IC
027 / BROWN	DARK PINK	64000-004860	64000-024175	N/A
040 / BLUE		64000-004900	64000-024200	N/A
058 / GREY	BLACK	64000-006110	64000-025410	N/A
070 / BLACK		64000-006150	64000-025450	64000-079400
090 / ORANGE		64000-007355	64000-026655	64000-079600
120 / RED		64000-007400	64000-026700	64000-079800
150 / SKY BLUE	GREY	64000-008605		64000-080000
200 / YELLOW		N/A	64000-027905	64000-080200
250 / DARK PINK		N/A		64000-079850
300 / GREEN		N/A		64000-079860

→ GyroNet™ LRD HEAD ONLY WITH EverSpin™ UPPER BEARING

MODEL & NOZZLE COLOR	SWIVEL COLOR	STIC	MIC	3/8IC
027 / BROWN	DARK PINK	64000-004865	64000-024176	N/A
040 / BLUE		64000-004910	64000-024210	N/A
058 / GREY	BLACK	64000-006112	64000-025411	N/A
070 / BLACK		64000-006155	64000-025460	64000-079420
090 / ORANGE		64000-007357	64000-026656	64000-079620
120 / RED		64000-007410	64000-026710	64000-079820
150 / SKY BLUE	GREY	64000-012506		64000-080020
200 / YELLOW		N/A		64000-080220
250 / DARK PINK		N/A		N/A
300 / GREEN		N/A		N/A

→ GyroNet™ LRD ASSEMBLY STANDS

MODEL	027	040	058	070	090	120	150	200	250	300
GYR LRD STIC STUB XXX 60CM W/STK BC								N/A	N/A	N/A
GYR LRD STIC STUB XXX 60CM W/STK PFC								N/A	N/A	N/A
GYR LRD MIC STUB XXX 60CM W/STK BC	64000-024180	64000-024600	64000-025415	64000-025850	64000-026657	64000-027100				
GYR LRD MIC STUB XXX 60CM W/STK PFC										
GYR LRD STIC STUB XXX 90CM W/STK BC								N/A	N/A	N/A
GYR LRD STIC STUB XXX 90CM W/STK PFC								N/A	N/A	N/A
GYR LRD MIC STUB XXX 90CM W/STK BC				64000-026160	64000-026685					
GYR LRD MIC STUB XXX 90CM W/STK PFC		64000-024900	64000-025430	64000-026150	64000-026690	64000-027400				
GYR LRD STIC STUB XXX 60CM W/O STK BC				64000-006290				N/A	N/A	N/A
GYR LRD STIC STUB XXX 60CM W/O STK PFC								N/A	N/A	N/A
GYR LRD MIC STUB XXX 60CM W/O STK BC										
GYR LRD MIC STUB XXX 60CM W/O STK PFC										
GYR LRD STIC STUB XXX 90CM W/O STK BC								N/A	N/A	N/A
GYR LRD STIC STUB XXX 90CM W/O STK PFC								N/A	N/A	N/A
GYR LRD MIC STUB XXX 90CM W/O STK BC										
GYR LRD MIC STUB XXX 90CM W/O STK PFC		64000-024700		64000-025950	64000-026660	64000-027200				

Missing catalog numbers available upon request.

Background color defines the code color of the respective swivel. All assembly stands include 4*6.5 mm black SPE micro-tube.

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