

GyroNet™ UD

UPSIDE DOWN

For upside-down Irrigation below the tree, to keep the ground clear.



Anti-ant
mechanism



High clogging
resistance



Higher reliability
& longevity

Applications



Under tree irrigation
as single head

/ Benefits & Features

- Ensures higher crop uniformity
Thanks to unique design of the sprinkler's rotor water channel
- Reduced maintenance and repair cost
Spring upper bearing with anti-ant mechanism keeps the swivel closed in inverted installation and preventing insect penetration into the area of the micro sprinkler nozzle
- Higher reliability & longevity
Special row materials made the SuperNet™ resistant to all agrochemicals & weather conditions

Specifications & Recommendations

- ✔ UD is a dynamic swivel for irrigation in Upside-down installation as single head
- ✔ 3 different flow rates: 40, 58, 70l/h
- ✔ Nominal flow rate at: 1.7bar
- ✔ Recommended pressure range: 1.5-2.5bar
- ✔ 2 types of inlet connectors: Self-tapping, Press fit
- ✔ 2 types of upper bearing:
 - Spring = SPUB, special design of upper bearing with spring technology, that keeps the swivel closed in inverted installation
 - Everspin+Spring = SPES, Upper bearing with spring and Everspin™ technology for harsh conditions
- ✔ UD swivel color for all flow rates is Green
- ✔ UD swivel colored Green for all flow rates
- ✔ 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

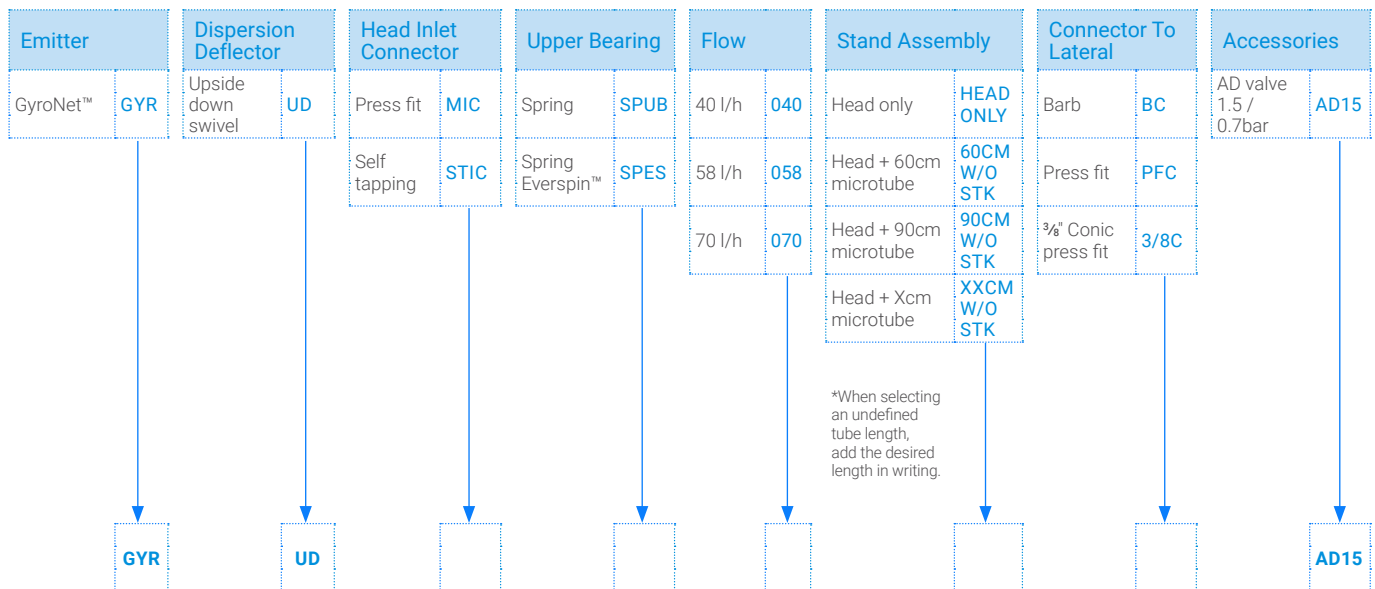
→ Technical Data

Model	Nozzle Code Color	Nozzle Size (mm)	Constant K	Exponent X	Maximum Working Pressure (bar)	Wetted Diameter (m)		Swivel (Rotor) Code Color
						UD 50cm Above Ground		
040	Blue	0.90	9.4	0.5	2.5	5.5		Green
058	Grey	1.10	13.5	0.5	2.5	7.0		
070	Black	1.20	17.4	0.5	2.5	7.0		

→ 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™ UD	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	1000	28 x 28 x 57	12.5	32	32000	412
Complete stand, 30cm tube length with stabilizer	150	28 x 28 x 57	10.1	32	4800	323
Complete stand, 60cm tube length with stabilizer	150	18 x 34 x 79	10.5	20	3000	210
Complete stand, 90cm tube length with stabilizer	150	28 x 27 x 113	11.4	16	2400	183

→ GyroNet™ UD Head Only With Standard Upper Bearing

Model & Nozzle Color	Swivel Color	STIC	MIC
040 / Blue	Green	64000-098990	64000-090990
058 / Grey		64000-099990	64000-091990
070 / Black		64000-100990	64000-092990

- Background color defines the code color of the respective swivel

→ GyroNet™ UD Head Only With Spring Upper Bearing

Model & Nozzle Color	Swivel Color	STIC	MIC
040 / Blue	Green	64000-099000	64000-091000
058 / Grey		64000-100000	64000-092000
070 / Black		64000-101000	64000-093000
090 / Orange		64000-102000	64000-094000

- Background color defines the code color of the respective swivel

→ GyroNet™ UD Assembly Stands With Stake

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

PFC = Press fit to lateral

	Flow Rate (l/h)	30cm		60cm	
		STIC	MIC	STIC	MIC
PFC	40	64000-099100	64000-091200		
	58	64000-100110	64000-092200		
	70		64000-093240		

Code Master
GYR SRD **X** STUB **Y** L/H
Z CM W/STK BC

Example
GYR SRD **STIC** STUB **020** L/H
60 CM W/STK BC

- 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.