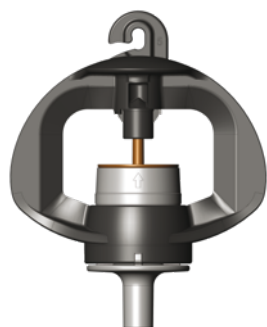


# GyroNet™ MR & MRD

## MIDDLE RANGE & MIDDLE RANGE WITH DEFLECTOR

Irrigation of tree plantations with mid-size root volumes in flat terrains.



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

## Specs. & Recommendations

- MR is a dynamic swivel irrigating a Medium Range area as single head
- MRD, Medium 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
- **4 different flow rates:** 27, 40, 58, 70 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"
- MR swivel colored Brown 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./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
						MRD 20 CM ABOVE GROUND	MRD 25 CM ABOVE GROUND	
027	BROWN	0.75	6.7	0.5	2.5	4.5	2.0	BROWN
040	BLUE	0.90	9.4	0.5	2.5	5.5	2.5	
058	GREY	1.10	13.5	0.5	2.5	6.5	2.5	
070	BLACK	1.20	17.4	0.5	2.5	6.5	2.5	

→ PACKAGING DATA

GYRONET™ MR & MRD	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.

