

# GyroNet™ Jet

## JET IRRIGATION

For harsh water containing large amount of sand thus causing excessive wear of standard rotating swivel.



Anti-ant  
mechanism



Jet deflector  
technology



Higher reliability  
& longevity

Applications



Under tree irrigation  
as single head

## / Benefits & Features

- Ensures higher crop uniformity  
Thanks to unique design of the sprinkler's deflector water channel
- Reduced maintenance and repair cost  
The GyroNet™ JET has pop-up static deflector, functions as anti-ant mechanism, preventing insect penetration into the area of the micro-sprinkler nozzle
- Higher reliability & longevity  
The static Jet deflector technology is designed for harsh water containing large amount of sand thus causing excessive wear of the standard dynamic swivel  
Special row materials made the GyroNet™ resistant to all agrochemicals & weather conditions

# Specifications & Recommendations

- ✓ JET is a static deflector for irrigation with harsh water conditions
- ✓ 5 different flow rates: 40, 50, 58, 70, 90, 120l/h
- ✓ Nominal flow rate at: 1.7bar
- ✓ Recommended pressure range: 1.5-2.5bar
- ✓ 2 types of inlet connectors: Self-tapping, Press fit
- ✓ Special upper bearing:
  - STUB = Square hole upper bearing, holds the deflector from spinning
- ✓ 5 types of static deflectors:
  - 360degrees (12 jets)
  - 300degrees (10 Jets)
  - 2 x 90 (butterfly) (8 jets)
  - 180degrees (6 jets)
  - 90degrees (4 jets)
- ✓ JET deflector color for all flow rates is Orange
- ✓ JET deflector colored Orange for all flow rates
- ✓ 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

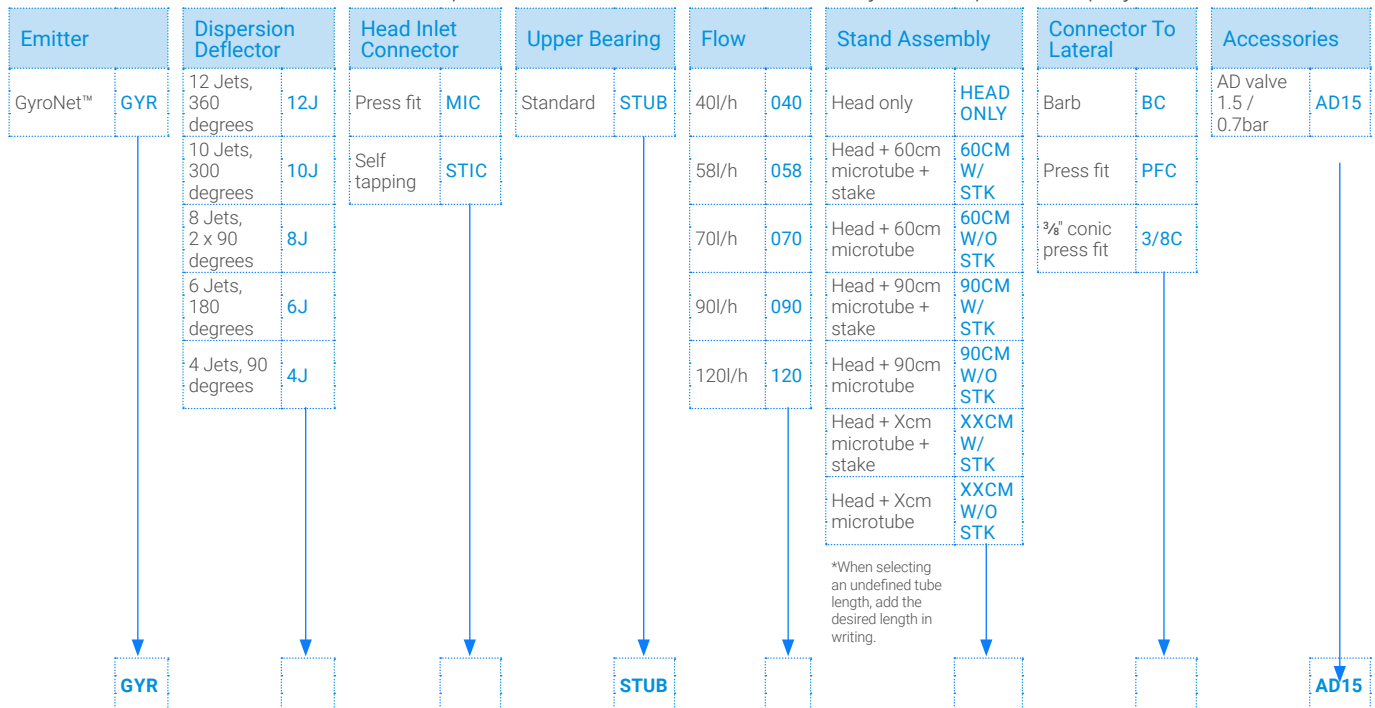
## → Technical Data

Model	Nozzle Code Color	Nozzle Size (mm)	Constant K	Exponent X	Maximum Working Pressure (bar)	Wetted Radius (m) 20cm Above Ground					Deflector Code Color
						360 Degrees 12 Jets	360 Degrees 10 Jets	Butterfly 2x4 Jets	180 Degrees 6 Jets	90 Degrees 4 Jets	
040	Blue	0.90	9.4	0.5	2.5	2.3	2.9	2.6	3.1	2.4	Orange
058	Grey	1.10	13.5	0.5	2.5	2.6	3.0	2.9	3.4	3.4	
070	Black	1.20	17.4	0.5	2.5	2.8	3.4	3.0	3.4	3.7	
090	Orange	1.40	22.4	0.5	2.5	3.2	3.6	3.2	4.0	3.0	
120	Red	1.57	28.8	0.5	2.5	3.7	4.1	3.7	4.0	3.8	

## → 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 (90 cm) w/o stake	200	28 x 27 x 113	8.1	18	3600	155

→ GyroNet™ Jet 12 Jets, Head Only With Standard Upper Bearing

Model & Nozzle Color	Deflector Code Color	STIC	MIC
040 / Blue	Orange	64000-001015	64000-020310
058 / Grey		64000-002259	64000-021562
070 / Black		64000-002310	64000-021610
090 / Orange		64000-018000	64000-022856
120 / Red		64000-018010	

- Background color defines the code color of the respective swivel

→ GyroNet™ Jet 10 Jets, Head Only With Standard Upper Bearing

Model & Nozzle Color	Deflector Code Color	STIC	MIC
040 / Blue	Orange	64000-016670	64000-020315
058 / Grey		64000-002266	64000-021563
070 / Black		64000-000012	64000-021615
090 / Orange			64000-022857
120 / Red			

- Background color defines the code color of the respective swivel

→ GyroNet™ Jet 8 (2X90) Jets, Head Only With Standard Upper Bearing

Model & Nozzle Color	Deflector Code Color	STIC	MIC
040 / Blue	Orange	64000-016700	64000-020320
058 / Grey			
070 / Black			
090 / Orange		64000-018005	
120 / Red			

- Background color defines the code color of the respective swivel

→ GyroNet™ Jet 6 Jets, Head Only With Standard Upper Bearing

Model & Nozzle Color	Deflector Code Color	STIC	MIC
040 / Blue	Orange		64000-020325
058 / Grey			64000-021565
070 / Black			64000-021625
090 / Orange			64000-022859
120 / Red			64000-022920

- Background color defines the code color of the respective swivel

→ GyroNet™ Jet 4 Jets, Head Only With Standard Upper Bearing

Model & Nozzle Color	Deflector Code Color	STIC	MIC
040 / Blue	Orange		64000-020330
058 / Grey			64000-021566
070 / Black			64000-021630
090 / Orange			64000-021635
120 / Red			

- Background color defines the code color of the respective swivel

→ GyroNet™ Jet Head Only With Standard Upper Bearing

Model & Nozzle Color	Deflector Code Color	STIC	MIC
040 / Blue	Orange		
058 / Grey			
070 / Black			
090 / Orange			
120 / Red			

- Background color defines the code color of the respective swivel

→ GyroNet™ Jet Assembly Stands With Stake

How to use: Replace **X** with: flow rate

BC = Barb connector to lateral

			60cm		
			Number Of Jets	Flow Rate (l/h)	MIC
BC	<b>Code Master</b> GYR JET 12 JET MIC STUB 60 CM X L/H W/STK BC  <b>Example</b> GYR JET 12 JET MIC STUB 60 CM 40 L/H W/STK BC	12	40	64000-020311	
			58		
			70		
			90		
			120		
BC	<b>Code Master</b> GYR JET 10 JET MIC STUB 60 CM X L/H W/STK BC  <b>Example</b> GYR JET 10 JET MIC STUB 60 CM 40 L/H W/STK BC	10	40	64000-022870	
			58		
			70		
			90		
			120		
BC	<b>Code Master</b> GYR JET 8(2x90) JET MIC STUB 60 CM X L/H W/STK BC  <b>Example</b> GYR JET 8(2x90) JET MIC STUB 60 CM 40 L/H W/STK BC	8 (2x90)	40		
			58		
			70		
			90		
			120		
BC	<b>Code Master</b> GYR JET 6 JET MIC STUB 60 CM X L/H W/STK BC  <b>Example</b> GYR JET 6 JET MIC STUB 60 CM 40 L/H W/STK BC	6	40	64000-020326	
			58		
			70		
			90		
			120		
BC	<b>Code Master</b> GYR JET 4 JET MIC STUB 60 CM X L/H W/STK BC  <b>Example</b> GYR JET 4 JET MIC STUB 60 CM 40 L/H W/STK BC	4	40	64000-020332	
			58		
			70		
			90		
			120		

- 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.