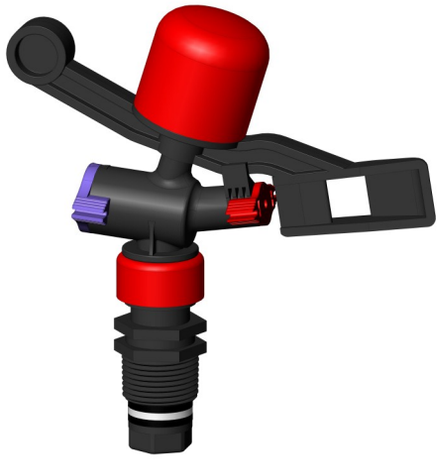
rolland®
IRRIGATION / EQUIPEMENT

Ref. 10-9



FEATURES

√ 1/2" male threaded inlet
√ Trajectory angle front nozzle : 9°
√ Trajectory angle back nozzle : 7°
√ Front nozzle from 2.5 to 3.5 mm
√ Plug or rear nozzle of 1.5 mm
√ Discharge from 0.30 to 1.05 m3/h
√ Radius from 7.10 to 10.60 meters
√ Working pressure : 2 to 3.5 bars

USE

- Under foliage irrigation for solid set systems of any kind.
- Specially designed for fruit farming (bananas, peaches, pears, apples, apricots, nuts, ….).

SPECIALITIES

- Water turbulence reducing system designed for a longer radius and a better water distribution.
- Quick fit nozzles (1/4 turn).
- Colour coded nozzles with built in vane for better radius throw.
- Security cap of the arm spring for a regular and efficient irrigation.
- Security ring of the rotation mechanism to avoid sand problems and wear.
- Large choice of nozzles to allow precise water precipitation or a long throw radius.

HOW TO FIT

- Put Teflon on the sprinkler base (do not put it on springs).
- Check that the sprinkler base does not touch the inner part of the connector that will block rotation.
- Triangular spacing usually given from 6 to 12 meters.
- Front nozzle with key below centre hole.
- Do not forget to install the special O ring on rear nozzle or plug.
- Rear nozzle or plug to be fitted on sprinkler in respect of internal elbow to allow water flow.
- Recommended to be fitted on Rolland stake S10 risers or saddle tee.

Installations and specifications done in the area are made under the responsibility of the installer according to the area Rules and Authorities.

10-9 (one nozzle)

Nozzle size (mm)	Pressure* (bar)	Discharge* (l/h)	Radius* (m)
2.5 E (Grey x purple)	2.5	441	7.10
	3.0	486	7.60
	3.5	536	8.70
3,0 E (Orange x purple)	2.5	501	7.90
	3.0	541	8.10
	3.5	585	8.60
3.5 E (White x purple)	2.5	759	8.20
	3.0	820	8.50
	3.5	900	8.80
2.5 (Brown x purple)	2.5	356	9.10
	3.0	420	9.30
	3.5	480	9.60
3.0 (Red x purple)	2.5	547	9.40
	3.0	607	9.60
	3.5	660	9.90
3.5 (Yellow x purple)	2.5	727	9.70
	3.0	797	10.00
	3.5	860	10.60

* To be used for informational purpose only.

10-9 (twin nozzles)

Nozzles size (mm)	Pressure* (bars)	Discharge* (l/h)	Radius* (m)
2,5 E X 1.5 (Grey x Green)	2.5	566	7.20
	3.0	621	7.40
	3.5	681	8.40
3,0 E X 1.5 (Orange x Green)	2.5	626	7.60
	3.0	676	8.00
	3.5	730	8.50
3,5 E X 1.5 (White x Green)	2.5	900	7.90
	3.0	956	8.40
	3.5	1010	8.80
2.5 X 1.5 (Brown x Green)	2.5	481	9.10
	3.0	555	9.30
	3.5	625	9.60
3.0 X 1.5 (Red x Green)	2.5	672	9.40
	3.0	737	9.60
	3.5	810	9.90
3.5 X 1.5 (Yellow x Green)	2.5	852	9.70
	3.0	915	10.00
	3.5	995	10.60

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