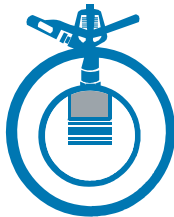
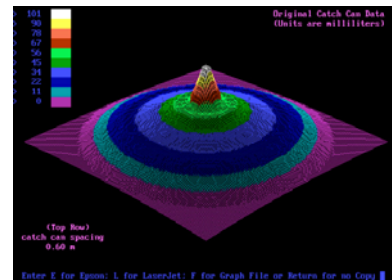
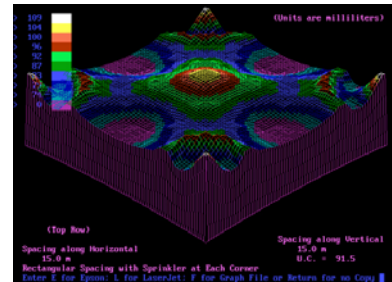
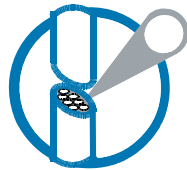


## ROTARY SPRINKLER AGROS 135



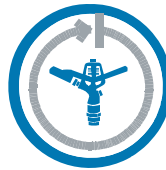
Conexión

3/4" BSP or NPT.  
Male or female



Material

Brass



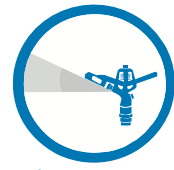
Giro

Part circle



Diámetro Regado

30 m. aprox.



Ángulo Boquilla  
Principal

27°

### DESCRIPTION

- **Material:** Brass.
- **Exes and springs:** stainless steel.
- **Rotation:** Part circle
- **Nozzles:** One brass nozzle.
- **Utility model:** Thanks to the special design of the crown, we can change the tooth pressure only screwing and unscrewing the upper nut. The sprinkler is served with the adequate regulation.
- **Guarantee:** 2 years.

### TECHNICAL SPECIFICATIONS

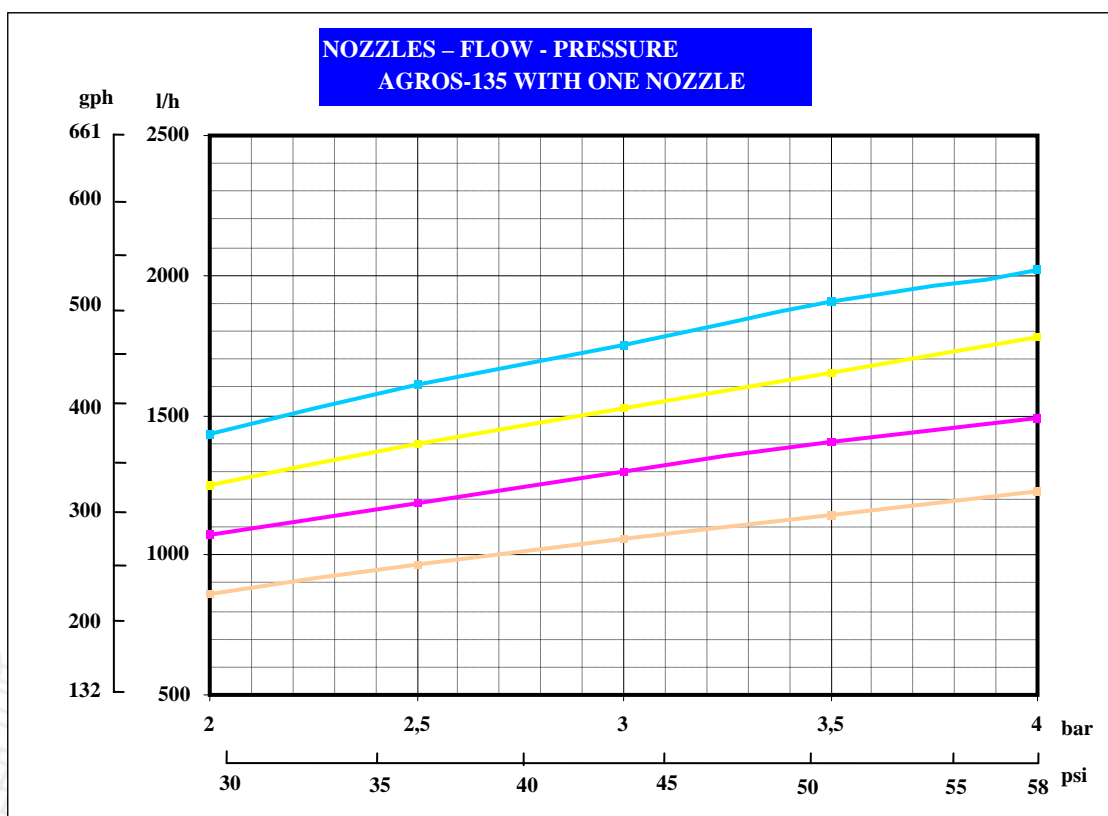
- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range :** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation diameter:** 26,60 to 30,80 m.(from 87.25 to 101.02 feet).

### AGROS-135

- **Connection:** ¾" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation Diameter:** 26,60 to 30,80 m (87.25 to 101.02 feet).



## FLOW – PRESSURE CURVE



REFERENCE	DENOMINATION	NOZZLE	GRAPHIC COLOR
1AS44651	AG-135 5/32"	4,0 mm	—
1AS44611	AG-135 11/64"	4,4 mm	—
1AS44571	AG-135 3/16"	4,8 mm	—
1AS44521	AG-135 13/64"	5,2 mm	—

### AGROS-135

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation Diameter:** 26,60 to 30,80 m (87.25 to 101.02 feet).



## HYDRAULIC CHARACTERISTICS

1AS44651 AGROS-135 5/32" (4,0 mm)						
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigation diameter*	
kPa	psi	l/h	gpm	rpm	m	feet
400	58.00	1225	5.39	0,83	29,60	97.09
350	50.75	1143	5.03	0,81	29,10	95.45
300	43.50	1065	4.69	0,86	28,60	93.81
250	36.25	968	4.26	0,78	27,80	91.18
200	29.00	862	3.79	0,79	26,60	87.25

\*Sparkling height: 0,6 m.

### AGROS-135

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation Diameter:** 26,60 to 30,80 m (87.25 to 101.02 feet).



## HYDRAULIC CHARACTERISTICS

1AS44611 AGROS-135 11/64" (4,4 mm)						
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigation diameter*	
kPa	psi	l/h	gpm	rpm	m	feet
400	58.00	1489	6.55	1,12	29,70	97.42
350	50.75	1393	6.13	1,14	29,20	95.78
300	43.50	1300	5.72	1,18	28,30	92.82
250	36.25	1191	5.24	1,15	28,00	91.84
200	29.00	1073	4.72	1,11	26,80	87.90

\*Sparkling height: 0,6 m.



### AGROS-135

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation Diameter:** 26,60 to 30,80 m (87.25 to 101.02 feet).

## HYDRAULIC CHARACTERISTICS

1AS44571 AGROS-135 3/16" (4,8 mm)						
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigation diameter*	
kPa	psi	l/h	gpm	rpm	m	feet
400	58.00	1779	7.83	1,36	30,40	99.71
350	50.75	1652	7.27	1,41	29,60	97.09
300	43.50	1525	6.71	1,36	29,20	95.78
250	36.25	1401	6.16	1,43	28,30	92.82
200	29.00	1253	5.51	1,37	27,10	88.89

\*Sparkling height: 0,6 m.



- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation Diameter:** 26,60 to 30,80 m (87.25 to 101.02 feet).

## HYDRAULIC CHARACTERISTICS

1AS44521 AGROS-135 13/64" (5,2 mm)						
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigation diameter*	
kPa	psi	l/h	gpm	rpm	m	feet
400	58.00	2020	8.89	1,58	30,80	101.02
350	50.75	1906	8.39	1,50	30,40	99.71
300	43.50	1754	7.72	1,58	29,60	97.09
250	36.25	1592	7.00	1,55	28,40	93.15
200	29.00	1431	6.30	1,60	27,70	90.86

\* Sparkling height: 0,6 m.

### AGROS-135

- **Connection:** ¾" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation Diameter:** 26,60 to 30,80 m (87.25 to 101.02 feet).

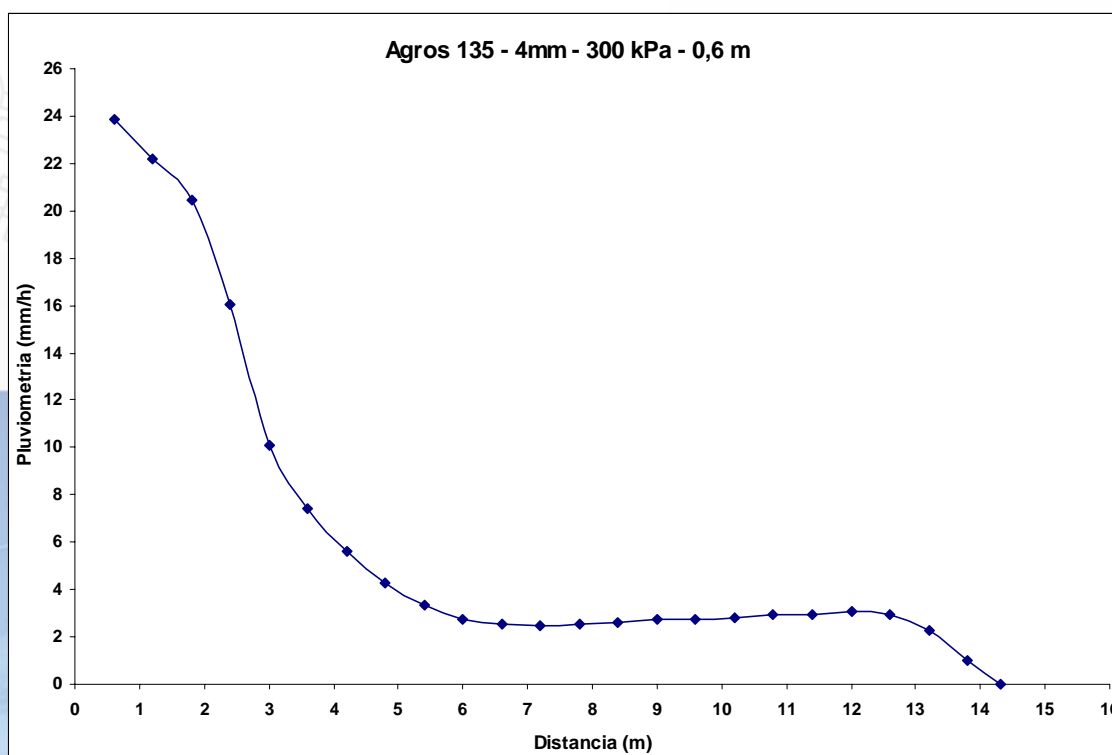


## RADIAL CURVE

- Ref. 1AS44651 AGROS-135 5/32" (4,0 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler model	Agros 135	Air temperature (°C)	11,2
Nozzle(s)	4,0 mm	Relative Humidity (%)	80,2
Working pressure (kPa)	300	Discharge unloaded (l/h)	1065
Height (m)	0,6	Test duration (min.)	60
Pluviometers numbers	23	Rotation speed (min.)	0,86
Distance between pluviometers (m)	0,6	Reach Radio (m)	14,30

Distance	(m)	0,60	1,20	1,80	2,40	3,00	3,60	4,20	4,80	5,40	6,00	6,60	7,20	7,80
Pluviom.	(mm/h)	23,88	22,17	20,46	16,04	10,10	7,39	5,63	4,27	3,32	2,71	2,51	2,46	2,51
Distance	(m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,30		
Pluviom.	(mm/h)	2,61	2,71	2,71	2,82	2,97	2,92	3,07	2,97	2,26	1,01	0,00		



**AGROS-135**

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation Diameter:** 26,60 to 30,80 m (87.25 to 101.02 feet).

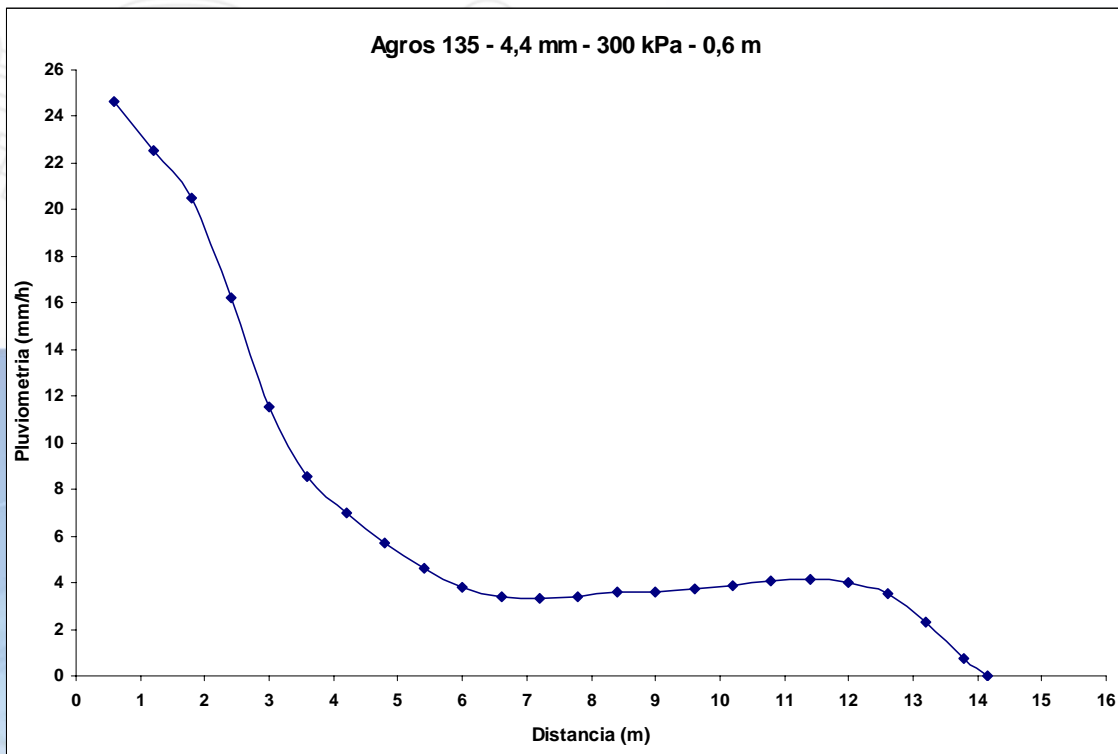


**RADIAL CURVE**

- Ref. 1AS44611 AGROS-135 11/64" (4,4 mm)

Trademark	Cometal	Air temperature (°C)	0,6
Sprinkler model	Agros 135	Aire temperature (°C)	15,0
Nozzle(s)	4,4 mm	Relative Humidity (%)	75,0
Working pressure (kPa)	300	Discharge unloaded (l/h)	1300
Height (m)	0,6	Test duration (min.)	60
Pluviometers numbers	23	Rotation speed (min.)	1,18
Distance between pluviometers (m)	0,6	Reach Radio (m)	14,15

Distance	(m)	0,60	1,20	1,80	2,40	3,00	3,60	4,20	4,80	5,40	6,00	6,60	7,20	7,80
Pluvió. (mm/h)		24,63	22,57	20,51	16,24	11,56	8,55	6,99	5,68	4,62	3,77	3,37	3,32	3,37
Distance	(m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,15		
Pluvió. (mm/h)		3,57	3,57	3,72	3,87	4,07	4,17	4,02	3,52	2,31	0,75	0,00		





### AGROS-135

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation Diameter:** 26,60 to 30,80 m (87.25 to 101.02 feet).

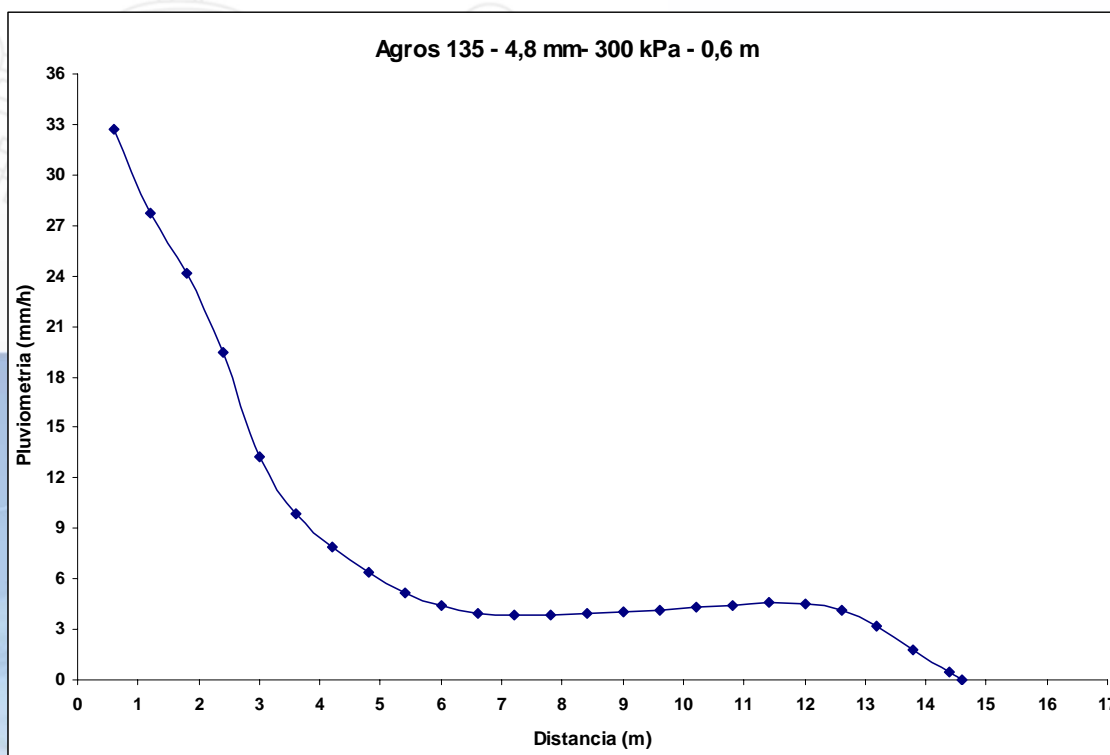


## RADIAL CURVE

- Ref. 1AS44571 AGROS-135 3/16" (4,8 mm)

Trademark	Cometal	Air temperature (°C)	0,6
Sprinkler model	Agros 135	Aire temperature (°C)	13,1
Nozzle(s)	4,8 mm	Relative Humidity (%)	79,0
Working pressure (kPa)	300	Discharge unloaded (l/h)	1525
Height (m)	0,6	Test duration (min.)	60
Pluviometers numbers	24	Rotation speed (min.)	1,36
Distance between pluviometers (m)	0,6	Reach Radio (m)	14,60

Distance	(m)	0,60	1,20	1,80	2,40	3,00	3,60	4,20	4,80	5,40	6,00	6,60	7,20	7,80
Pluviom.	(mm/h)	32,67	27,75	24,18	19,45	13,22	9,85	7,89	6,38	5,18	4,42	3,92	3,82	3,87
Distance	(m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,40	14,60	
Pluviom.	(mm/h)	3,92	4,02	4,12	4,32	4,42	4,57	4,47	4,17	3,22	1,76	0,45	0,00	



### AGROS-135

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
  - One nozzle: 862 to 2.020 l/h (3.79 to 8.89 gpm).
- **Irrigation Diameter:** 26,60 to 30,80 m (87.25 to 101.02 feet).



## RADIAL CURVE

- Ref. 1AS44521 AGROS-135 13/64" (5,2 mm)

Trademark	Cometal	Air temperature (°C)	0,6
Sprinkler model	Agros 135	Aire temperature (°C)	13,8
Nozzle(s)	5,2 mm	Relative Humidity (%)	76,0
Working pressure (kPa)	300	Discharge unloaded (l/h)	1754
Height (m)	0,6	Test duration (min.)	60
Pluviometers numbers	24	Rotation speed (min.)	1,58
Distance between pluviometers (m)	0,6	Reach Radio (m)	14,80

Distance	(m)	0,60	1,20	1,80	2,40	3,00	3,60	4,20	4,80	5,40	6,00	6,60	7,20	7,80
Pluviom.	(mm/h)	37,35	32,93	27,70	23,43	17,90	12,57	10,25	8,45	6,59	5,63	4,98	4,52	4,47
Distance	(m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,40	14,80	
Pluviom.	(mm/h)	4,47	4,62	4,83	4,88	4,98	4,98	4,73	4,27	3,42	2,06	0,85	0,00	

