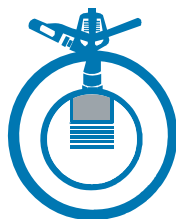
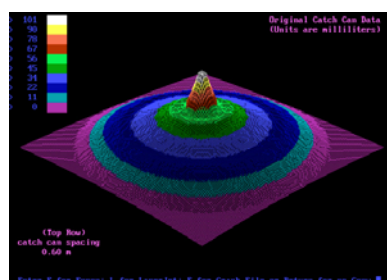
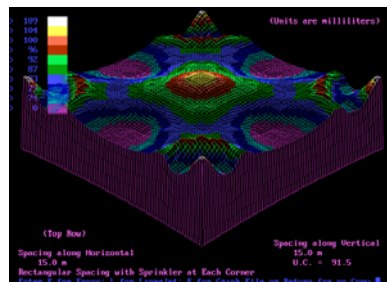
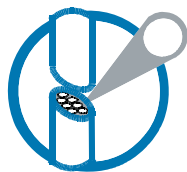


ROTARY SPRINKLER AGROS 35



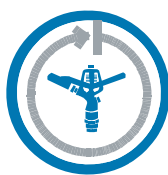
Connection

3/4" BSP or NPT.
Male or Female



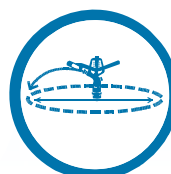
Material

Brass



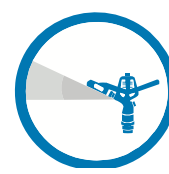
Rotation

Full 360°



Irrigation Diameter

30 m. aprox.



Main nozzle angle

27°

DESCRIPTION

- **Material:** Brass.
- **Exes and springs:** stainless steel.
- **Rotation:** 360°.
- **Nozzles:** One or two brass nozzles.
- **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

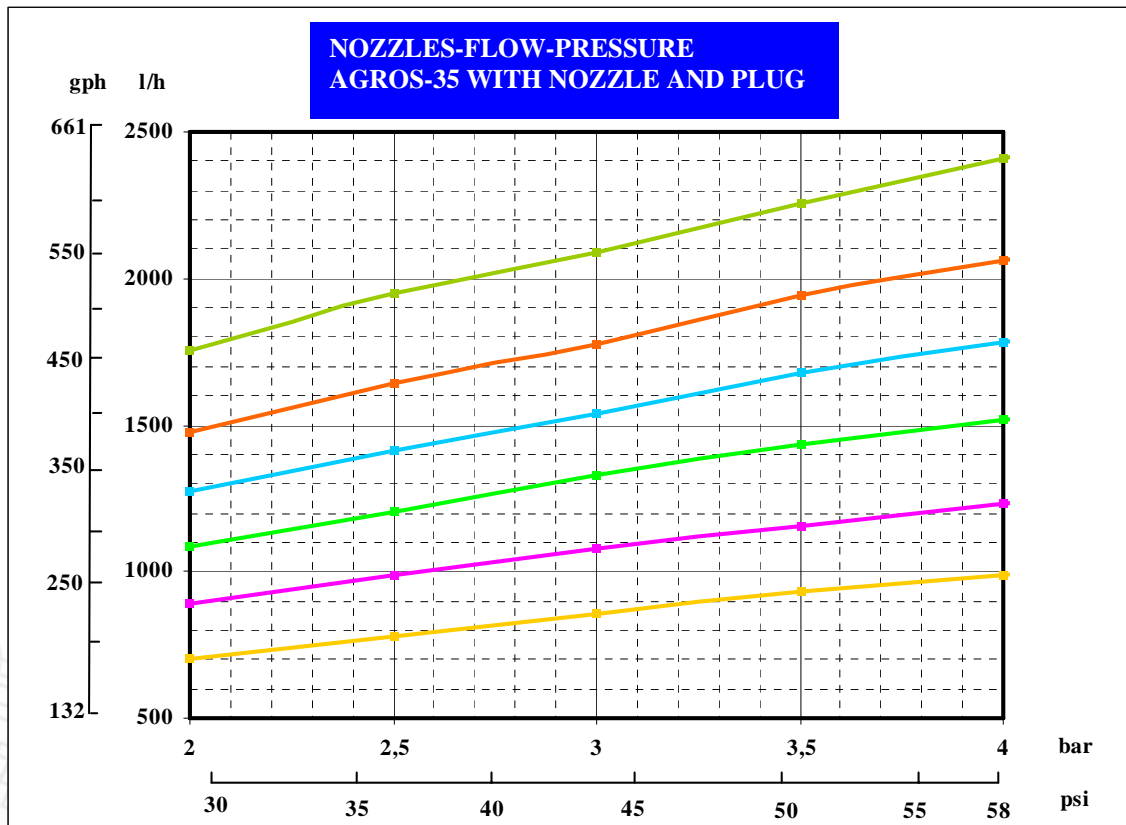
- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** from 200 to 400 KPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (3.08 a 10.95 gpm).
 - Two nozzles: from 972 l/h to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** until 95%.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



FLOW-PRESSURE CURVE



REFERENCE	DENOMINATION	NOZZLES	GRAPHIC COLOR
1AS40161	AG-35 9/64" + plug	3,6 mm + plug	—
1AS40151	AG-35 5/32" + plug	4,0 mm + plug	—
1AS40111	AG-35 11/64" + plug	4,4 mm + plug	—
1AS40071	AG-35 3/16" + plug	4,8 mm + plug	—
1AS40021	AG-35 13/64" + plug	5,2 mm + plug	—
1AS40191	AG-35 7/32" + plug	5,6 mm + plug	—

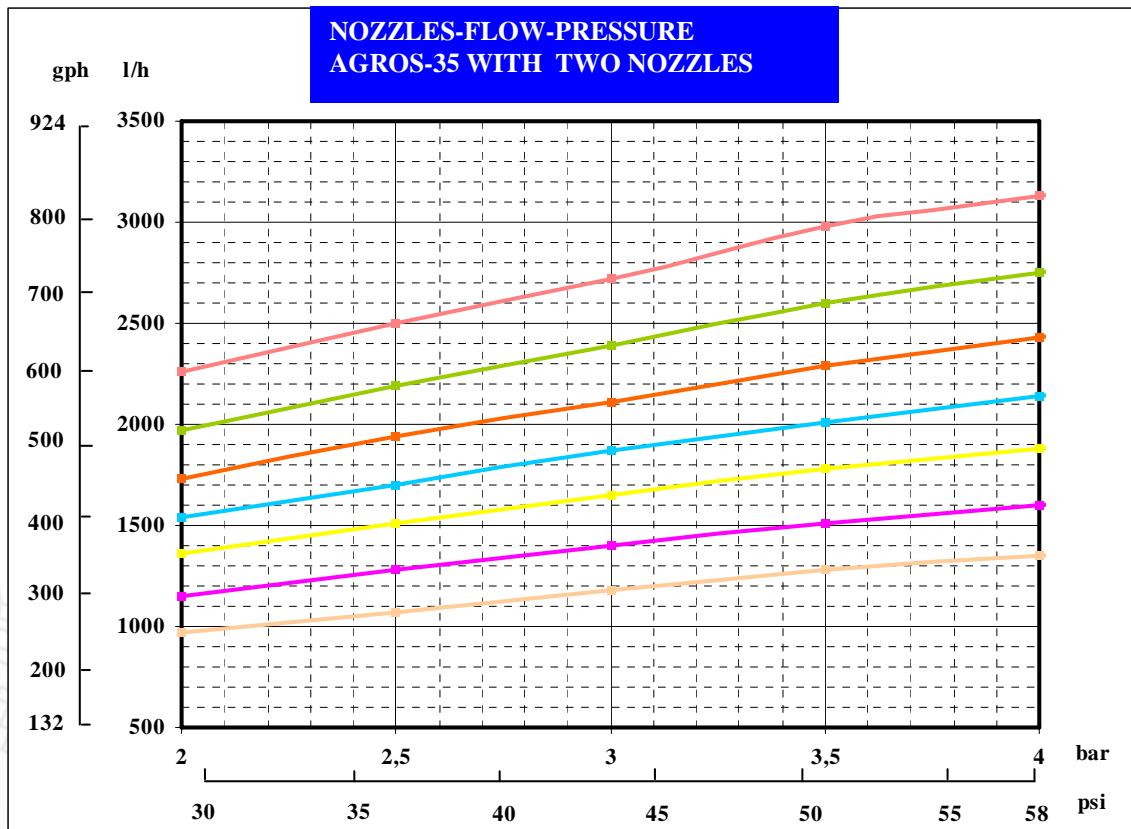
COMETAL sprinklers fulfil the normative UNE 68-072-86 for rotary sprinklers.

AGROS-35

- **Connections:** ¾" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



FLOW-PRESSURE CURVE

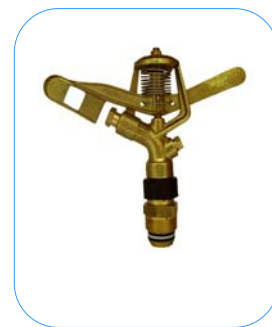


REFERENCE	DENOMINATION	NOZZLES	GRAPHIC COLOR
1AS40121	AG-35 9/64" + 3/32"	3,6 mm + 2.4 mm	—
1AS40101	AG-35 5/32" + 3/32"	4,0 mm + 2.4 mm	—
1AS40011	AG-35 11/64" + 3/32"	4,4 mm + 2.4 mm	—
1AS40031	AG-35 3/16" + 3/32"	4,8 mm + 2.4 mm	—
1AS40321	AG-35 13/64" + 3/32"	5,2 mm + 2.4 mm	—
1AS40261	AG-35 13/64" + 1/8"	5,2 mm + 3.2 mm	—
1AS40271	AG-35 7/32" + 1/8"	5,6 mm + 3.2 mm	—

COMETAL sprinklers fulfil the normative UNE 68-072-86 for rotary sprinklers.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



HYDRAULIC CHARACTERISTICS

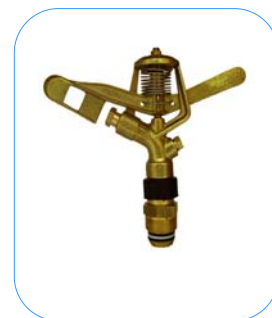
1AS40161 AGROS-35 9/64" + plug (3,6 +0,0 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigated Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
400	58.00	988	4.35	0,78	28,90	94.80	12 x 12	39,37 X 39.37	92,3
							12 x 15	39.37 X 49.21	81,7
							12 x 18	39.37 X 59.05	79,0
							15 x 15	49.21 X 49.21	79,9
							15 x 18	49.21 X 59.05	82,7
							18 x 18	59.05 X 59.05	79,0
							18 x 15T	59.05 X 49.21T	75,6
350	50.75	935	4.11	0,78	28,00	91.84	12 x 12	39,37 X 39.37	90,9
							12 x 15	39.37 X 49.21	80,1
							12 x 18	39.37 X 59.05	76,1
							15 x 15	49.21 X 49.21	78,0
							15 x 18	49.21 X 59.05	80,9
							18 x 18	59.05 X 59.05	78,9
							18 x 15T	59.05 X 49.21T	74,8
300	43.50	855	3.76	0,80	28,00	91.84	12 x 12	39,37 X 39.37	88,3
							12 x 15	39.37 X 49.21	77,5
							12 x 18	39.37 X 59.05	72,0
							15 x 15	49.21 X 49.21	74,9
							15 x 18	49.21 X 59.05	78,4
							18 x 18	59.05 X 59.05	76,5
							18 x 15T	59.05 X 49.21T	73,2
250	36.20	780	3.43	0,73	27,80	91.18	12 x 12	39,37 X 39.37	85,0
							12 x 15	39.37 X 49.21	74,4
							12 x 18	39.37 X 59.05	67,8
							15 x 15	49.21 X 49.21	71,6
							15 x 18	49.21 X 59.05	75,3
							18 x 18	59.05 X 59.05	74,0
							18 x 15T	59.05 X 49.21T	71,1
200	29.00	702	3.07	0,67	26,60	87.25	12 x 12	39,37 X 39.37	82,2
							12 x 15	39.37 X 49.21	70,4
							12 x 18	39.37 X 59.05	65,8
							15 x 15	49.21 X 49.21	67,8
							15 x 18	49.21 X 59.05	72,5
							18 x 18	59.05 X 59.05	71,6
							18 x 15T	59.05 X 49.21T	69,8

*Sprinkler high: 0.6 m.

**Distribution uniformity coefficient CUD. It is used the one defined by J.E. Christiansen.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



HYDRAULIC CHARACTERISTICS

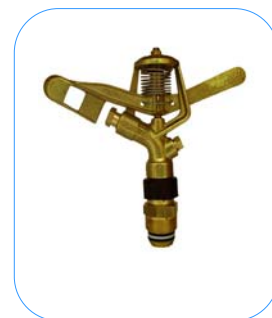
1AS40071 AGROS-35 3/16" + plug (4,8+ 0,0 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigated Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
400	58.00	1784	7.85	1,91	30,60	100.37	12 x 12	39,37 X 39.37	91,7
							12 x 15	39.37 X 49.21	84,1
							12 x 18	39.37 X 59.05	83,8
							15 x 15	49.21 X 49.21	81,1
							15 x 18	49.21 X 59.05	83,2
							18 x 18	59.05 X 59.05	80,5
							18 x 15T	59.05 X 49.21T	76,3
350	50.75	1675	7.37	1,86	30,20	105.62	12 x 12	39,37 X 39.37	93,5
							12 x 15	39.37 X 49.21	84,9
							12 x 18	39.37 X 59.05	82,4
							15 x 15	49.21 X 49.21	81,1
							15 x 18	49.21 X 59.05	83,3
							18 x 18	59.05 X 59.05	80,8
							18 x 15T	59.05 X 49.21T	77,0
300	43.50	1537	6.76	1,88	29,00	95.12	12 x 12	39,37 X 39.37	94,1
							12 x 15	39.37 X 49.21	83,8
							12 x 18	39.37 X 59.05	80,5
							15 x 15	49.21 X 49.21	79,8
							15 x 18	49.21 X 59.05	82,2
							18 x 18	59.05 X 59.05	79,0
							18 x 15T	59.05 X 49.21T	75,7
250	36.20	1411	6.21	1,89	29,00	95.12	12 x 12	39,37 X 39.37	92,5
							12 x 15	39.37 X 49.21	80,8
							12 x 18	39.37 X 59.05	77,9
							15 x 15	49.21 X 49.21	77,1
							15 x 18	49.21 X 59.05	81,4
							18 x 18	59.05 X 59.05	75,7
							18 x 15T	59.05 X 49.21T	72,9
200	29.00	1271	5.60	1,80	28,00	91.84	12 x 12	39,37 X 39.37	88,4
							12 x 15	39.37 X 49.21	75,1
							12 x 18	39.37 X 59.05	73,4
							15 x 15	49.21 X 49.21	72,3
							15 x 18	49.21 X 59.05	78,1
							18 x 18	59.05 X 59.05	68,8
							18 x 15T	59.05 X 49.21T	68,9

*Sprinkler high: 0.6 m.

**Distribution uniformity coefficient CUD. It is used the one defined by J.E. Christiansen.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



HYDRAULIC CHARACTERISTICS

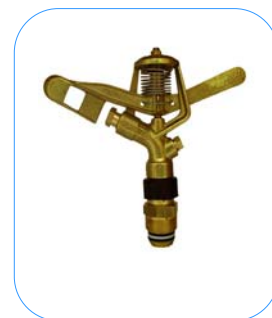
1AS40021 AGROS-35 13/64"+ plug (5,2 + 0,0 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigated Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
400	58.00	2060	9.06	2,21	32,20	105.62	12 x 12	39,37 X 39.37	93,6
							12 x 15	39.37 X 49.21	86,3
							12 x 18	39.37 X 59.05	84,8
							15 x 15	49.21 X 49.21	82,1
							15 x 18	49.21 X 59.05	83,3
							18 x 18	59.05 X 59.05	83,2
							18 x 15T	59.05 X 49.21T	81,0
350	50.75	1940	8.54	2,23	32,00	104.96	12 x 12	39,37 X 39.37	93,5
							12 x 15	39.37 X 49.21	86,3
							12 x 18	39.37 X 59.05	83,8
							15 x 15	49.21 X 49.21	81,8
							15 x 18	49.21 X 59.05	82,7
							18 x 18	59.05 X 59.05	82,9
							18 x 15T	59.05 X 49.21T	80,6
300	43.50	1770	7.79	2,18	31,60	103.65	12 x 12	39,37 X 39.37	92,4
							12 x 15	39.37 X 49.21	86,6
							12 x 18	39.37 X 59.05	82,0
							15 x 15	49.21 X 49.21	81,7
							15 x 18	49.21 X 59.05	81,2
							18 x 18	59.05 X 59.05	82,7
							18 x 15T	59.05 X 49.21T	80,6
250	36.20	1644	7.24	2,15	30,60	100.37	12 x 12	39,37 X 39.37	91,4
							12 x 15	39.37 X 49.21	84,9
							12 x 18	39.37 X 59.05	78,9
							15 x 15	49.21 X 49.21	80,0
							15 x 18	49.21 X 59.05	79,1
							18 x 18	59.05 X 59.05	81,1
							18 x 15T	59.05 X 49.21T	78,1
200	29.00	1477	6.50	2,10	29,60	97.08	12 x 12	39,37 X 39.37	92,5
							12 x 15	39.37 X 49.21	80,6
							12 x 18	39.37 X 59.05	75,0
							15 x 15	49.21 X 49.21	76,1
							15 x 18	49.21 X 59.05	78,2
							18 x 18	59.05 X 59.05	76,3
							18 x 15T	59.05 X 49.21T	73,3

*Sprinkler high: 0.6 m.

**Distribution uniformity coefficient CUD. It is used the one defined by J.E. Christiansen.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



HYDRAULIC CHARACTERISTICS

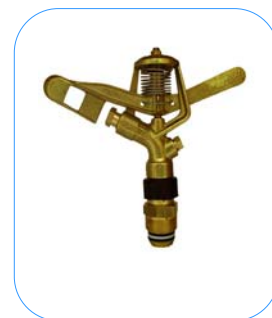
1AS40121 AGROS-35 9/64" + 3/32" (3,6+2,4 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigated Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
400	58.00	1354	5.96	0,78	29,20	95.78	12 x 12	39,37 X 39.37	92.4
							12 x 15	39.37 X 49.21	87.6
							12 x 18	39.37 X 59.05	89.7
							15 x 15	49.21 X 49.21	87.5
							15 x 18	49.21 X 59.05	89.2
							18 x 18	59.05 X 59.05	87.6
							18 x 15T	59.05 X 49.21T	83.2
350	50.75	1278	5.63	0,69	29,00	95.12	12 x 12	39,37 X 39.37	93.6
							12 x 15	39.37 X 49.21	87.4
							12 x 18	39.37 X 59.05	88.0
							15 x 15	49.21 X 49.21	86.7
							15 x 18	49.21 X 59.05	88.8
							18 x 18	59.05 X 59.05	87.8
							18 x 15T	59.05 X 49.21T	83.4
300	43.50	1182	5.20	0,71	28,40	93.15	12 x 12	39,37 X 39.37	93.4
							12 x 15	39.37 X 49.21	86.0
							12 x 18	39.37 X 59.05	86.2
							15 x 15	49.21 X 49.21	85.4
							15 x 18	49.21 X 59.05	87.9
							18 x 18	59.05 X 59.05	87.2
							18 x 15T	59.05 X 49.21T	82.9
250	36.20	1074	4.73	0,81	27,20	89.22	12 x 12	39,37 X 39.37	89.6
							12 x 15	39.37 X 49.21	83.7
							12 x 18	39.37 X 59.05	82.3
							15 x 15	49.21 X 49.21	83.2
							15 x 18	49.21 X 59.05	85.3
							18 x 18	59.05 X 59.05	85.1
							18 x 15T	59.05 X 49.21T	80.9
200	29.00	972	4.28	0,67	26,60	87.25	12 x 12	39,37 X 39.37	87.4
							12 x 15	39.37 X 49.21	81.6
							12 x 18	39.37 X 59.05	81.4
							15 x 15	49.21 X 49.21	80.9
							15 x 18	49.21 X 59.05	82.8
							18 x 18	59.05 X 59.05	82.1
							18 x 15T	59.05 X 49.21T	79.2

*Sprinkler high: 0.6 m.

**Distribution uniformity coefficient CUD. It is used the one defined by J.E. Christiansen.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



HYDRAULIC CHARACTERISTICS

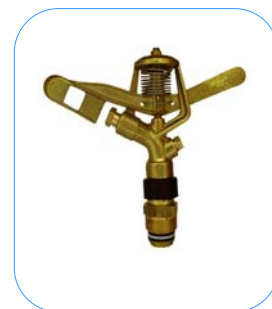
1AS40101 AGROS-35 5/32 + 3/32" (4,0+2,4 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigated Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
400	58.00	1605	7.07	1,24	29,60	97.08	12 x 12	39,37 X 39.37	92,0
							12 x 15	39.37 X 49.21	86,6
							12 x 18	39.37 X 59.05	89,0
							15 x 15	49.21 X 49.21	86,0
							15 x 18	49.21 X 59.05	88,2
							18 x 18	59.05 X 59.05	86,1
350	50.75	1513	6.66	1,22	29,20	95.78	18 x 18	59.05 X 59.05	86,1
							18 x 15T	59.05 X 49.21T	81,4
							12 x 12	39,37 X 39.37	92,4
							12 x 15	39.37 X 49.21	87,0
							12 x 18	39.37 X 59.05	88,9
							15 x 15	49.21 X 49.21	86,1
300	43.50	1397	6.15	1,17	28,40	93.15	15 x 18	49.21 X 59.05	88,7
							18 x 18	59.05 X 59.05	86,8
							18 x 15T	59.05 X 49.21T	82,2
							12 x 12	39,37 X 39.37	91,1
							12 x 15	39.37 X 49.21	85,2
							12 x 18	39.37 X 59.05	86,5
250	36.20	1281	5.64	1,15	28,00	91.84	15 x 15	49.21 X 49.21	84,3
							15 x 18	49.21 X 59.05	87,6
							18 x 18	59.05 X 59.05	85,0
							18 x 15T	59.05 X 49.21T	80,4
							12 x 12	39,37 X 39.37	90,2
							12 x 15	39.37 X 49.21	83,5
200	29.00	1149	5.06	0,95	26,80	87.90	12 x 18	39.37 X 59.05	86,5
							15 x 15	49.21 X 49.21	82,0
							15 x 18	49.21 X 59.05	86,4
							18 x 18	59.05 X 59.05	82,4
							18 x 15T	59.05 X 49.21T	78,5
							12 x 12	39,37 X 39.37	90,2
150	21.75	937	3.94	0,83	26,40	84.96	12 x 15	39.37 X 49.21	85,2
							12 x 18	39.37 X 59.05	86,5
							15 x 15	49.21 X 49.21	84,3
							15 x 18	49.21 X 59.05	87,6
							18 x 18	59.05 X 59.05	85,0
							18 x 15T	59.05 X 49.21T	80,4
100	14.50	625	2.61	0,55	26,40	84.96	12 x 12	39,37 X 39.37	92,4
							12 x 15	39.37 X 49.21	87,0
							12 x 18	39.37 X 59.05	88,9
							15 x 15	49.21 X 49.21	86,1
							15 x 18	49.21 X 59.05	88,7
							18 x 18	59.05 X 59.05	86,8
50	7.25	313	1.31	0,30	26,40	84.96	18 x 18	59.05 X 59.05	86,8
							18 x 15T	59.05 X 49.21T	82,2
							12 x 12	39,37 X 39.37	91,1
							12 x 15	39.37 X 49.21	85,2
							12 x 18	39.37 X 59.05	86,5
							15 x 15	49.21 X 49.21	84,3
20	2.90	115	0.51	0,13	26,40	84.96	15 x 18	49.21 X 59.05	87,6
							18 x 18	59.05 X 59.05	85,0
							18 x 15T	59.05 X 49.21T	80,4
							12 x 12	39,37 X 39.37	90,2
							12 x 15	39.37 X 49.21	83,5
							12 x 18	39.37 X 59.05	86,5
10	1.45	58	0.26	0,03	26,40	84.96	15 x 18	49.21 X 59.05	87,6
							18 x 18	59.05 X 59.05	85,0
							18 x 15T	59.05 X 49.21T	80,4
							12 x 12	39,37 X 39.37	90,2
							12 x 15	39.37 X 49.21	83,5
							12 x 18	39.37 X 59.05	86,5
5	0.73	29	0.13	0,01	26,40	84.96	15 x 18	49.21 X 59.05	87,6
							18 x 18	59.05 X 59.05	85,0
							18 x 15T	59.05 X 49.21T	80,4
							12 x 12	39,37 X 39.37	90,2
							12 x 15	39.37 X 49.21	83,5
							12 x 18	39.37 X 59.05	86,5
2	0.29	12	0.05	0,00	26,40	84.96	15 x 18	49.21 X 59.05	87,6
							18 x 18	59.05 X 59.05	85,0
							18 x 15T	59.05 X 49.21T	80,4
							12 x 12	39,37 X 39.37	90,2
							12 x 15	39.37 X 49.21	83,5
							12 x 18	39.37 X 59.05	86,5

*Sprinkler high: 0.6 m.

**Distribution uniformity coefficient CUD. It is used the one defined by J.E. Christiansen.

AGROS-35

- **Connections:** ¾" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



HYDRAULIC CHARACTERISTICS

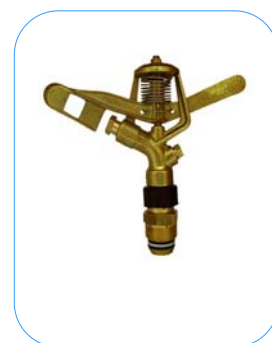
1AS40011 AGROS-35 1 1/64" + 3/32" (4,4+2,4 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigated Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
400	58.00	1885	8.30	1,39	30,20	99.06	12 x 12	39,37 X 39.37	94,3
							12 x 15	39.37 X 49.21	87,8
							12 x 18	39.37 X 59.05	88,7
							15 x 15	49.21 X 49.21	85,6
							15 x 18	49.21 X 59.05	88,1
							18 x 18	59.05 X 59.05	86,6
							18 x 15T	59.05 X 49.21T	82,0
350	50.75	1785	7.86	1,37	29,60	97.08	12 x 12	39,37 X 39.37	94,3
							12 x 15	39.37 X 49.21	87,3
							12 x 18	39.37 X 59.05	87,6
							15 x 15	49.21 X 49.21	85,1
							15 x 18	49.21 X 59.05	87,9
							18 x 18	59.05 X 59.05	86,2
300	43.50	1646	7.25	1,49	29,20	95.78	12 x 12	39,37 X 39.37	94,2
							12 x 15	39.37 X 49.21	86,0
							12 x 18	39.37 X 59.05	85,3
							15 x 15	49.21 X 49.21	83,8
							15 x 18	49.21 X 59.05	87,2
							18 x 18	59.05 X 59.05	85,3
250	36.20	1511	6.65	1,47	28,90	94.80	12 x 12	39,37 X 39.37	92,9
							12 x 15	39.37 X 49.21	83,9
							12 x 18	39.37 X 59.05	81,8
							15 x 15	49.21 X 49.21	81,3
							15 x 18	49.21 X 59.05	85,3
							18 x 18	59.05 X 59.05	83,0
200	29.00	1356	5.97	1,37	26,80	87.90	12 x 12	39,37 X 39.37	88,7
							12 x 15	39.37 X 49.21	80,7
							12 x 18	39.37 X 59.05	79,8
							15 x 15	49.21 X 49.21	78,4
							15 x 18	49.21 X 59.05	83,3
							18 x 18	59.05 X 59.05	79,2
							18 x 15T	59.05 X 49.21T	75,6

*Sprinkler high: 0.6 m.

**Distribution uniformity coefficient CUD. It is used the one defined by J.E. Christiansen.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



HYDRAULIC CHARACTERISTICS

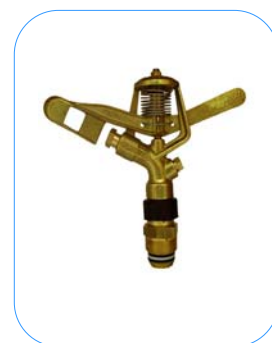
1AS40031 AGROS-35 3/16" + 3/32" (4,8+2,4 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigated Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
400	58.00	2136	9.41	1,96	30,60	100.37	12 x 12	39,37 X 39.37	93,7
							12 x 15	39.37 X 49.21	88,9
							12 x 18	39.37 X 59.05	90,9
							15 x 15	49.21 X 49.21	87,5
							15 x 18	49.21 X 59.05	89,4
							18 x 18	59.05 X 59.05	89,1
							18 x 15T	59.05 X 49.21T	84,6
350	50.75	2012	8.86	1,91	30,40	99.71	12 x 12	39,37 X 39.37	93,6
							12 x 15	39.37 X 49.21	88,5
							12 x 18	39.37 X 59.05	89,8
							15 x 15	49.21 X 49.21	86,7
							15 x 18	49.21 X 59.05	88,9
							18 x 18	59.05 X 59.05	88,4
							18 x 15T	59.05 X 49.21T	83,3
300	43.50	1869	8.23	1,95	29,40	96.43	12 x 12	39,37 X 39.37	93,0
							12 x 15	39.37 X 49.21	87,6
							12 x 18	39.37 X 59.05	88,5
							15 x 15	49.21 X 49.21	85,6
							15 x 18	49.21 X 59.05	88,0
							18 x 18	59.05 X 59.05	87,3
							18 x 15T	59.05 X 49.21T	81,8
250	36.20	1697	7.47	1,99	29,00	95.12	12 x 12	39,37 X 39.37	92,9
							12 x 15	39.37 X 49.21	85,8
							12 x 18	39.37 X 59.05	86,1
							15 x 15	49.21 X 49.21	83,3
							15 x 18	49.21 X 59.05	87,0
							18 x 18	59.05 X 59.05	84,3
							18 x 15T	59.05 X 49.21T	79,5
200	29.00	1537	6.77	1,92	27,80	91.18	12 x 12	39,37 X 39.37	90,9
							12 x 15	39.37 X 49.21	82,9
							12 x 18	39.37 X 59.05	83,2
							15 x 15	49.21 X 49.21	80,4
							15 x 18	49.21 X 59.05	85,5
							18 x 18	59.05 X 59.05	80,5
							18 x 15T	59.05 X 49.21T	76,7

*Sprinkler high: 0.6 m.

**Distribution uniformity coefficient CUD. It is used the one defined by J.E. Christiansen.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



HYDRAULIC CHARACTERISTICS

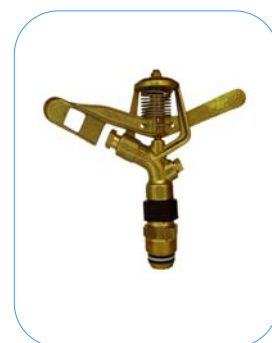
1AS40321 AGROS-35 13/64" + 3/32" (5,2+2,4 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigated Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
400	58.00	2430	10.70	2,24	32,50	106.60	12 x 12	39,37 X 39.37	94,5
							12 x 15	39.37 X 49.21	90,3
							12 x 18	39.37 X 59.05	92,6
							15 x 15	49.21 X 49.21	87,9
							15 x 18	49.21 X 59.05	90,2
							18 x 18	59.05 X 59.05	91,0
							18 x 15T	59.05 X 49.21T	87,2
350	50.75	2286	10.07	2,30	31,80	104.30	12 x 12	39,37 X 39.37	95,0
							12 x 15	39.37 X 49.21	90,2
							12 x 18	39.37 X 59.05	92,1
							15 x 15	49.21 X 49.21	87,8
							15 x 18	49.21 X 59.05	89,7
							18 x 18	59.05 X 59.05	90,1
							18 x 15T	59.05 X 49.21T	86,5
300	43.50	2113	9.30	2,28	31,40	103.00	12 x 12	39,37 X 39.37	95,0
							12 x 15	39.37 X 49.21	90,2
							12 x 18	39.37 X 59.05	89,9
							15 x 15	49.21 X 49.21	87,2
							15 x 18	49.21 X 59.05	88,8
							18 x 18	59.05 X 59.05	89,5
							18 x 15T	59.05 X 49.21T	85,4
250	36.20	1944	8.56	2,18	29,20	95.78	12 x 12	39,37 X 39.37	94,1
							12 x 15	39.37 X 49.21	88,7
							12 x 18	39.37 X 59.05	86,8
							15 x 15	49.21 X 49.21	85,3
							15 x 18	49.21 X 59.05	86,4
							18 x 18	59.05 X 59.05	87,4
							18 x 15T	59.05 X 49.21T	82,7
200	29.00	1733	7.63	2,16	29,20	95.78	12 x 12	39,37 X 39.37	93,2
							12 x 15	39.37 X 49.21	85,0
							12 x 18	39.37 X 59.05	82,9
							15 x 15	49.21 X 49.21	81,5
							15 x 18	49.21 X 59.05	84,7
							18 x 18	59.05 X 59.05	83,6
							18 x 15T	59.05 X 49.21T	78,3

*Sprinkler high: 0.6 m.

**Distribution uniformity coefficient CUD. It is used the one defined by J.E. Christiansen.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.



HYDRAULIC CHARACTERISTICS

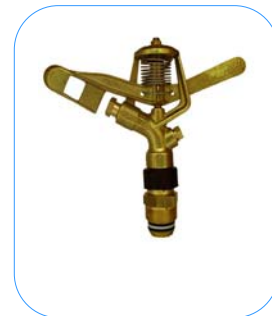
1AS40261 AGROS-35 13/64" + 1/8" (5,2+3,2 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigated Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
400	58.00	2752	12.12	2,26	31,80	104.30	12 x 12	39,37 X 39.37	93,8
							12 x 15	39.37 X 49.21	91,0
							12 x 18	39.37 X 59.05	94,0
							15 x 15	49.21 X 49.21	90,0
							15 x 18	49.21 X 59.05	91,1
							18 x 18	59.05 X 59.05	90,6
							18 x 15T	59.05 X 49.21T	89,1
350	50.75	2601	11.45	2,30	31,60	103.65	12 x 12	39,37 X 39.37	94,0
							12 x 15	39.37 X 49.21	90,9
							12 x 18	39.37 X 59.05	93,9
							15 x 15	49.21 X 49.21	89,8
							15 x 18	49.21 X 59.05	91,0
							18 x 18	59.05 X 59.05	90,9
							18 x 15T	59.05 X 49.21T	88,3
300	43.50	2388	10.52	2,24	30,80	101.02	12 x 12	39,37 X 39.37	93,1
							12 x 15	39.37 X 49.21	90,3
							12 x 18	39.37 X 59.05	92,7
							15 x 15	49.21 X 49.21	89,3
							15 x 18	49.21 X 59.05	90,3
							18 x 18	59.05 X 59.05	90,2
							18 x 15T	59.05 X 49.21T	86,7
250	36.20	2195	9.67	2,10	30,20	99.06	12 x 12	39,37 X 39.37	93,5
							12 x 15	39.37 X 49.21	89,0
							12 x 18	39.37 X 59.05	89,8
							15 x 15	49.21 X 49.21	86,5
							15 x 18	49.21 X 59.05	88,2
							18 x 18	59.05 X 59.05	88,1
							18 x 15T	59.05 X 49.21T	83,3
200	29.00	1975	8.70	2,13	29,20	95.78	12 x 12	39,37 X 39.37	92,9
							12 x 15	39.37 X 49.21	86,9
							12 x 18	39.37 X 59.05	86,8
							15 x 15	49.21 X 49.21	83,7
							15 x 18	49.21 X 59.05	86,3
							18 x 18	59.05 X 59.05	85,6
							18 x 15T	59.05 X 49.21T	80,2

*Sprinkler high: 0.6 m.

**Distribution uniformity coefficient CUD. It is used the one defined by J.E. Christiansen.

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.

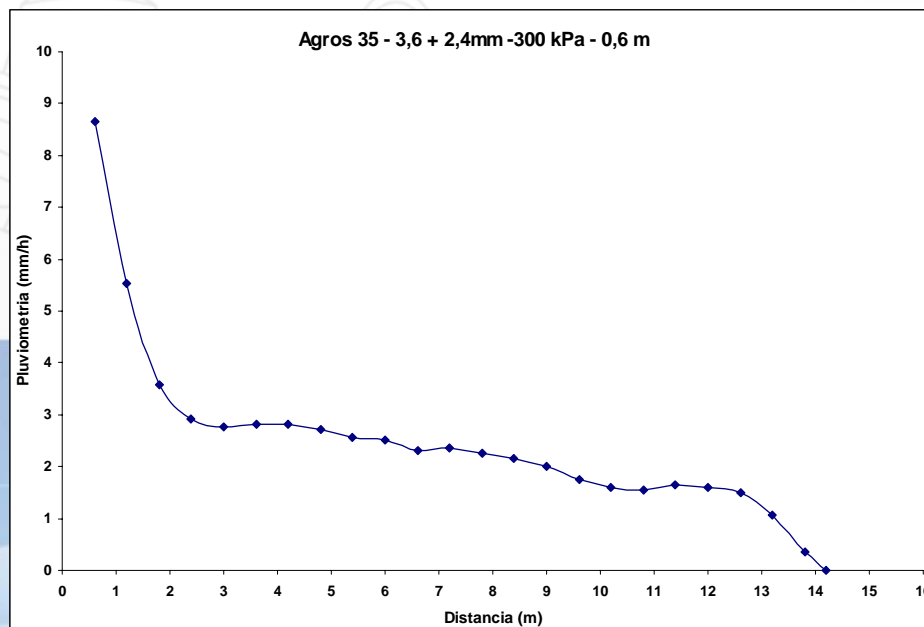


RADIAL CURVE

- Ref. 1AS40121 AGROS-35 9/64" + 3/32" (3,6 mm + 2,4 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler model	Agros 35	Air Temperature (°C)	11,3
Nozzle(s)	3,6 mm + 2,4 mm	Relative Humidity (%)	80,0
Working Pressure(kPa)	300	Discharge Unloaded (l/h)	1182
High (m)	0,6	Test duration (min)	60
Pluviometers numbers	23	Rotation Speed (min)	0,71
Distance between Pluviometers (m)	0,6	Reach Radio (m)	14,20

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)	8,65	5,53	3,57	2,92	2,76	2,82	2,82	2,71	2,56	2,51	2,31	2,36	2,26
Distance (m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,20		
Pluviom. (mm/h)	2,16	2,01	1,76	1,61	1,56	1,66	1,61	1,51	1,06	0,35	0,00		



Distribution uniformity coefficient (CUD) %	Irrigation frame (mxm)						
	12x12	12x15	12x18	15x15	15x18	18x18	18x15 T
	93,4	86,0	86,2	85,4	87,9	87,2	82,9

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.

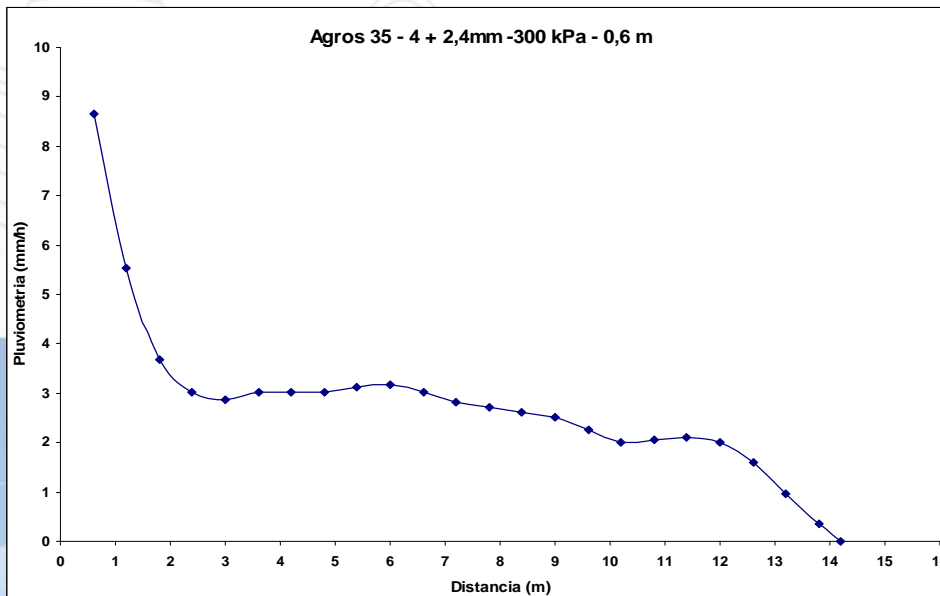


RADIAL CURVE

- Ref. 1AS40101 AGROS-35 5/32" + 3/32" (4,0 mm + 2,4 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler model	Agros 35	Air Temperature (°C)	11,5
Nozzle(s)	4 mm + 2,4 mm	Relative Humidity (%)	81,3
Working Pressure(kPa)	300	Discharge Unloaded (l/h)	1397
High (m)	0,6	Test duration (min)	60
Pluviometers numbers	23	Rotation Speed (min)	1,17
Distance between Pluviometers (m)	0,6	Reach Radio (m)	14,20

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)	8,65	5,53	3,67	3,02	2,87	3,02	3,02	3,02	3,12	3,17	3,02	2,82	2,71
Distance (m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,20		
Pluviom. (mm/h)	2,61	2,51	2,26	2,01	2,06	2,11	2,01	1,61	0,96	0,35	0,00		



Distribution uniformity coefficient (CUD) %	Irrigation frame (mxm)						
	12x12	12x15	12x18	15x15	15x18	18x18	18x15 T
	91,1	85,2	86,5	84,3	87,6	85,0	80,4

AGROS-35

- **Connections:** ¾" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.

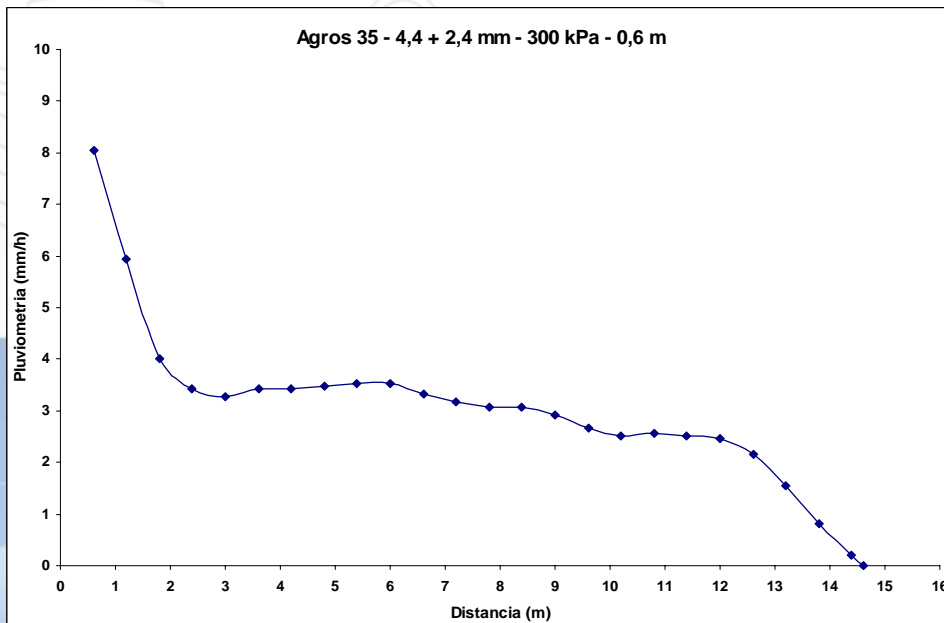


RADIAL CURVE

- Ref. 1AS40011 AGROS-35 11/64" + 3/32" (4,4 mm + 2,4 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler model	Agros 35	Air Temperature (°C)	11,3
Nozzle(s)	4,4 mm + 2,4 mm	Relative Humidity (%)	80,7
Working Pressure(kPa)	300	Discharge Unloaded (l/h)	1646
High (m)	0,6	Test duration (min)	60
Pluviometers numbers	24	Rotation Speed (min)	1,49
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)	8,04	5,93	4,02	3,42	3,27	3,42	3,42	3,47	3,52	3,52	3,32	3,17	3,07
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)	3,07	2,92	2,66	2,51	2,56	2,51	2,46	2,16	1,56	0,80	0,20	0,00	



Irrigation frame (mxm)						
12x12	12x15	12x18	15x15	15x18	18x18	18x15 T
Distribution uniformity coefficient (CUD) %	94,2	86,0	85,3	83,8	87,2	80,4

AGROS-35

- **Connections:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressure range:** from 200 to 400 kPa (from 29.00 to 58.00 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: from 702 to 2.488 l/h (from 3.08 to 10.95 gpm).
 - Two nozzles: from 972 to 3.134 l/h (from 4.28 to 13.78 gpm).
- **Irrigation diameter:** from 26,60 to 34,00 m (from 87.25 to 111.52 pies).
- **Distribution uniformity coefficient (CUD):** up to 95%.

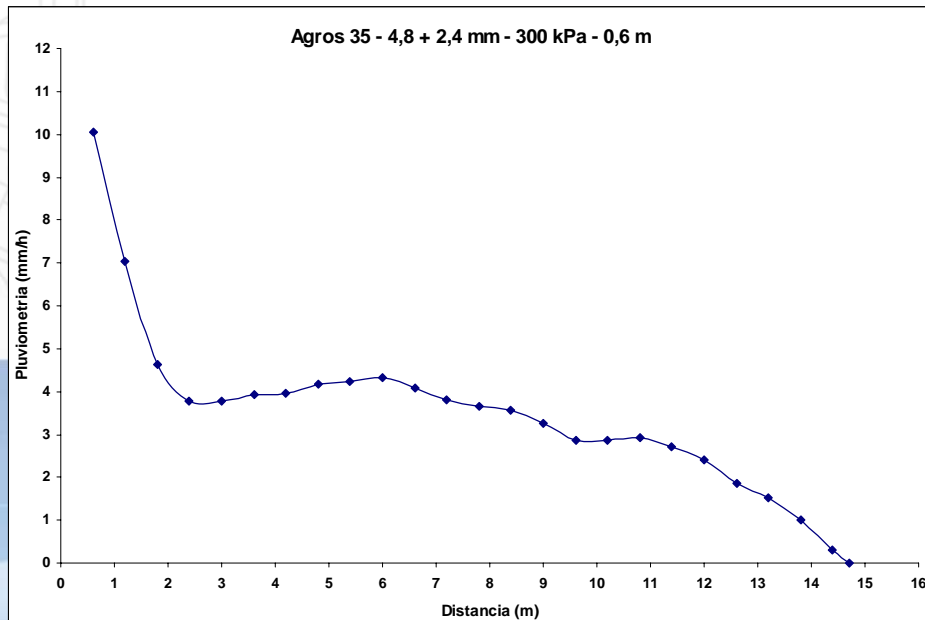


RADIAL CURVE

- Ref. 1AS40031 AGROS-35 3/16" + 3/32" (4,8 mm + 2,4 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler model	Agros 35	Air Temperature (°C)	6,6
Nozzle(s)	4,8 mm + 2,4 mm	Relative Humidity (%)	74,7
Working Pressure(kPa)	300	Discharge Unloaded (l/h)	1869
High (m)	0,6	Test duration (min)	60
Pluviometers numbers	24	Rotation Speed (min)	1,95
Distance between Pluviometers (m)	0,6	Reach Radio (m)	14,70

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)	10,05	7,04	4,62	3,77	3,77	3,92	3,97	4,17	4,22	4,32	4,07	3,82	3,67
Distance (m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,40	14,70	
Pluviom. (mm/h)	3,57	3,27	2,87	2,87	2,92	2,71	2,41	1,86	1,51	1,01	0,30	0,00	



Irrigation frame (mxm)						
12x12	12x15	12x18	15x15	15x18	18x18	18x15 T
93,0	87,6	88,5	85,6	88,0	87,3	81,8

Coefficiente de Uniformidad de Distribución (CUD) %