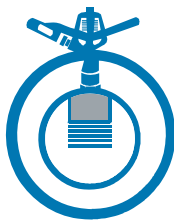
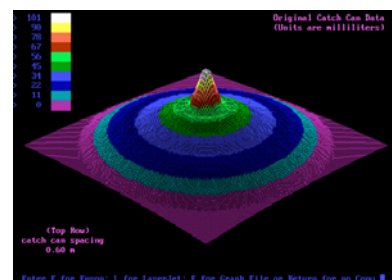
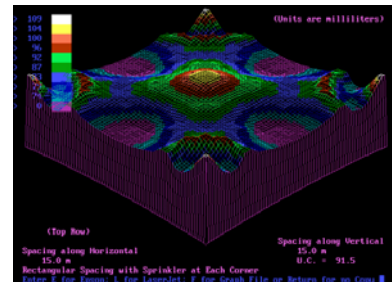
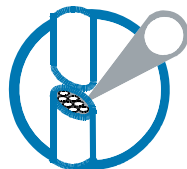


ROTARY SPRINKLER AGROS 40



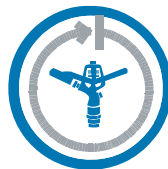
Conexión

¾" BSP or NPT.
Male or Female



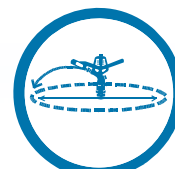
Material

Brass



Giro

Full circle 360°



Diámetro Regado

34 m. aprox.



Ángulo Boquilla Principal

27°

DESCRIPTION

- **Material:** Brass
- **Exes and springs:** stainless steel.
- **Rotation:** full circle 360°.
- **Nozzles:** One or two brass nozzles.
- **Utility model:** Thanks to the special design of the crown, we can change the teeth pressure only screwing or unscrewing the upper nut. The Sprinkler is served with the adequate regulation.
- **Guarantee:** 2 years.

TECHNICAL SPECIFICATIONS

- **Connection:** ¾" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation Diameter:** 26,80 to 34,40 (from 87.90 to 112.83 feet).

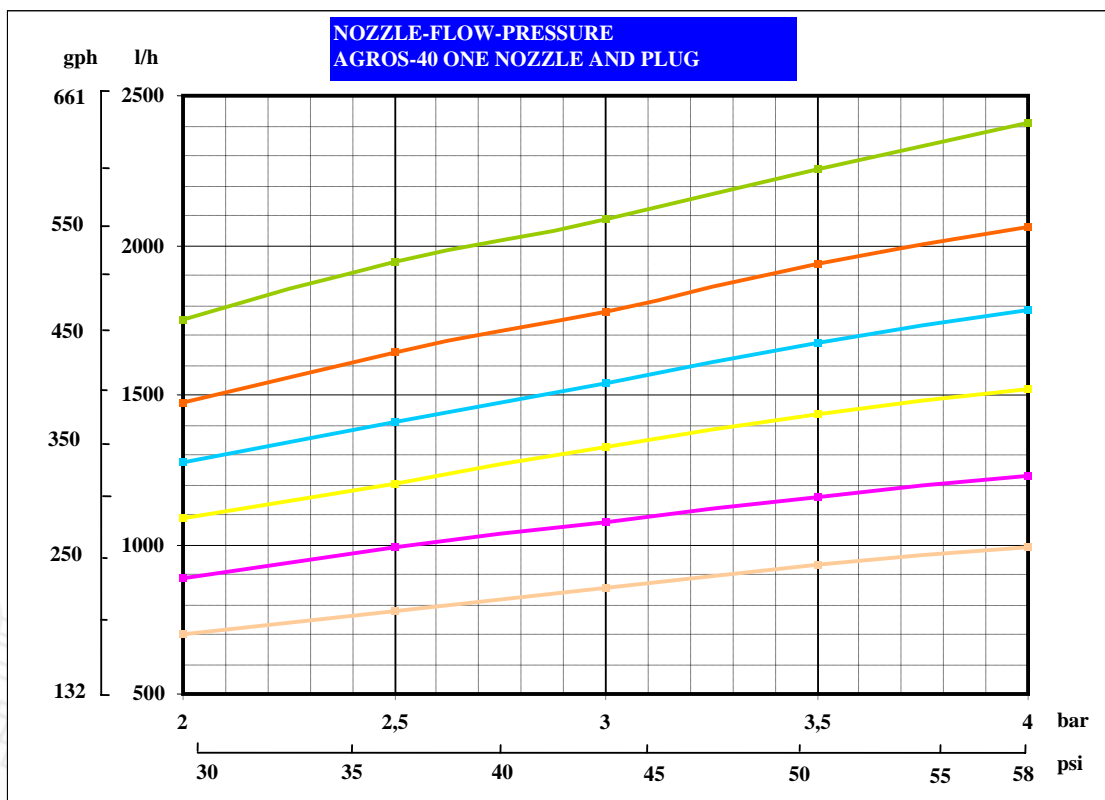
- **Distribution uniformity coefficient (CUD):** until 95%.

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flow range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.



FLOW - PRESSURE CURVE



REFERENCE	DENOMINATION	NOZZLES	GRAPHIC COLOR
1AS43161	AG-40 9/64" +plug	3,6 mm + plug	Light Blue
1AS43151	AG-40 5/32" +plug	4,0 mm + plug	Pink
1AS43111	AG-40 11/64" +plug	4.4 mm + plug	Yellow
1AS43071	AG-40 3/16" +plug	4,8 mm + plug	Cyan
1AS43021	AG-40 13/64" +plug	5.2 mm + plug	Orange
1AS43041	AG-40 7/32" +plug	5,6 mm + plug	Green

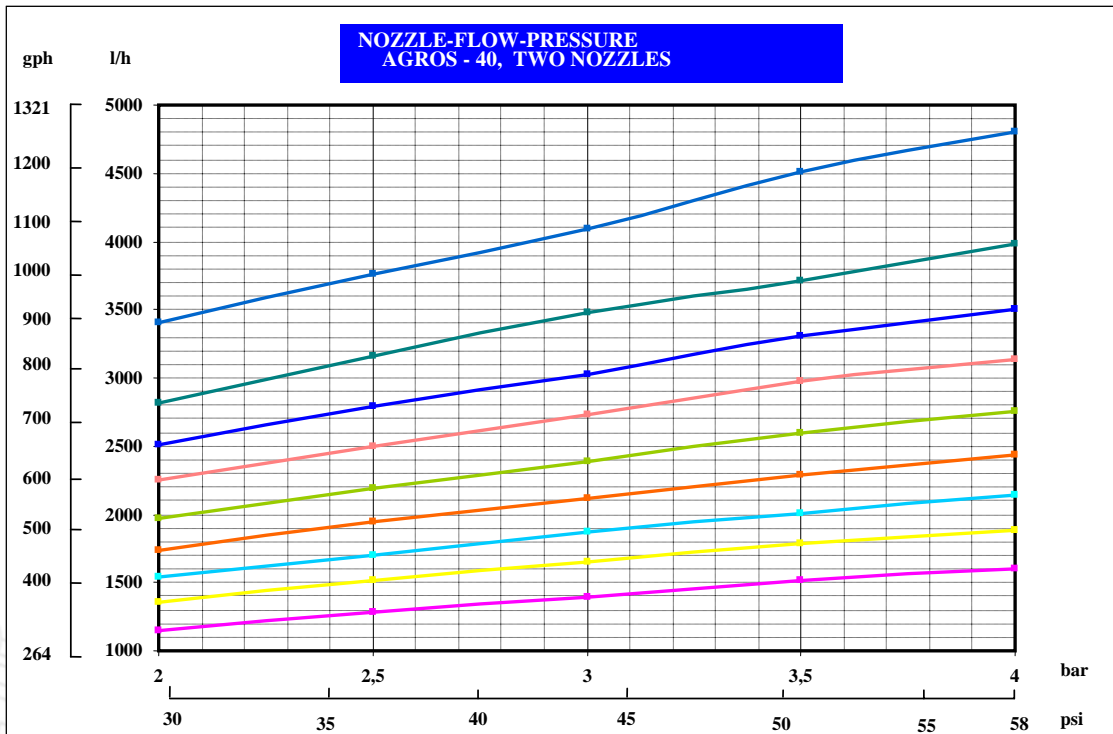
COMETAL sprinklers fulfil the normative UNE 68-072-86 for rotary sprinklers.

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.



FLOW - PRESSURE CURVE



REFERENCE	DENOMINATION	NOZZLES	GRAPHIC COLOR
1AS43101	AG-40 5/32" + 3/32"	4,0 mm + 2.4 mm	Magenta
1AS43011	AG-40 11/64" + 3/32"	4,4 mm + 2.4 mm	Yellow
1AS43031	AG-40 3/16" + 3/32"	4,8 mm + 2.4 mm	Cyan
1AS43321	AG-40 13/64" + 3/32"	5,2 mm + 2.4 mm	Orange
1AS43261	AG-40 13/64" + 1/8"	5,2 mm + 3.2 mm	Light Green
1AS43271	AG-40 7/32" + 1/8"	5,6 mm + 3.2 mm	Red
-	AG-40 5/21" + 1/8"	6,0 mm + 3.2 mm	Blue
1AS43401	AG-40 1/4" + 1/8"	6,4 mm + 3.2 mm	Dark Green
1AS43061	AG-40 9/32" + 1/8"	7,2 mm + 3.2 mm	Dark Blue

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

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.



HYDRAULIC CHARACTERISTICS

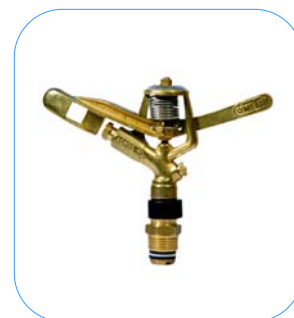
1AS43071 AGROS-40 3/16" + PLUG (4,8 + 0,0 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigation Diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	feet	m x m	feet x feet	%
450	65.25	1892	8.32	1,78	31,60	103.65	12 x 12	39,37 X 39.37	92,2
							12 x 15	39.37 X 49.21	86,1
							12 x 18	39.37 X 59.05	83,5
							15 x 15	49.21 X 49.21	81,6
							15 x 18	49.21 X 59.05	82,9
							18 x 18	59.05 X 59.05	81,7
400	58.00	1773	7.80	1,83	30,80	101.02	18 x 15T	59.05 X 49.21T	80,0
							12 x 12	39,37 X 39.37	91,9
							12 x 15	39.37 X 49.21	85,4
							12 x 18	39.37 X 59.05	82,7
							15 x 15	49.21 X 49.21	81,6
							15 x 18	49.21 X 59.05	83,2
350	50.75	1673	7.36	1,88	30,20	99.06	18 x 18	59.05 X 59.05	82,0
							18 x 15T	59.05 X 49.21T	79,1
							12 x 12	39,37 X 39.37	91,6
							12 x 15	39.37 X 49.21	84,1
							12 x 18	39.37 X 59.05	81,7
							15 x 15	49.21 X 49.21	81,4
300	43.50	1545	6.80	1,96	29,80	97.74	15 x 18	49.21 X 59.05	83,4
							18 x 18	59.05 X 59.05	81,5
							18 x 15T	59.05 X 49.21T	77,8
							12 x 12	39,37 X 39.37	89,4
							12 x 15	39.37 X 49.21	82,4
							12 x 18	39.37 X 59.05	78,7
250	36.20	1418	6.24	2,00	29,20	95.77	15 x 15	49.21 X 49.21	79,6
							15 x 18	49.21 X 59.05	80,8
							18 x 18	59.05 X 59.05	80,2
							18 x 15T	59.05 X 49.21T	77,0
							12 x 12	39,37 X 39.37	88,8
							12 x 15	39.37 X 49.21	79,9
250	36.20	1418	6.24	2,00	29,20	95.77	12 x 18	39.37 X 59.05	76,2
							15 x 15	49.21 X 49.21	77,6
							15 x 18	49.21 X 59.05	80,1
							18 x 18	59.05 X 59.05	78,0
							18 x 15T	59.05 X 49.21T	74,9

*Sprinkler height: 0,6 m.

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

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.



HYDRAULIC CHARACTERISTICS

1AS43021 AGROS-40 13/64" + PLUG (5,2 +0,0 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigation Diameter*		Irrigatio frame		CUD**
kPa	psi	l/h	gpm	rpm	m	feet	m x m	feet x feet	%
450	65.25	2175	9.57	2.01	32,00	104.96	12 x 12	39,37 X 39.37	91,4
							12 x 15	39.37 X 49.21	86,1
							12 x 18	39.37 X 59.05	83,8
							15 x 15	49.21 X 49.21	82,1
							15 x 18	49.21 X 59.05	83,5
							18 x 18	59.05 X 59.05	82,6
400	58.00	2048	9.01	2.08	31,60	103.65	18 x 15T	59.05 X 49.21T	80,7
							12 x 12	39,37 X 39.37	91,8
							12 x 15	39.37 X 49.21	86,0
							12 x 18	39.37 X 59.05	83,5
							15 x 15	49.21 X 49.21	81,9
							15 x 18	49.21 X 59.05	83,3
350	50.75	1927	8.48	2.14	30,80	101.02	18 x 18	59.05 X 59.05	82,5
							18 x 18	59.05 X 59.05	82,0
							18 x 15T	59.05 X 49.21T	79,7
							12 x 12	39,37 X 39.37	91,3
							12 x 15	39.37 X 49.21	85,6
							12 x 18	39.37 X 59.05	82,1
300	43.50	1781	7.84	2.25	30,00	98.40	15 x 15	49.21 X 49.21	81,4
							15 x 18	49.21 X 59.05	82,5
							18 x 18	59.05 X 59.05	82,0
							18 x 18	59.05 X 59.05	80,5
							18 x 15T	59.05 X 49.21T	77,5
							12 x 12	39,37 X 39.37	92,1
250	36.20	1622	7.14	2.34	29,40	96.43	12 x 15	39.37 X 49.21	84,1
							12 x 18	39.37 X 59.05	81,3
							15 x 15	49.21 X 49.21	81,1
							15 x 18	49.21 X 59.05	83,0
							18 x 18	59.05 X 59.05	80,5
							18 x 15T	59.05 X 49.21T	77,5
200	29.00	1222	5.06	2.55	26,80	88.00	12 x 12	39,37 X 39.37	92,2
							12 x 15	39.37 X 49.21	82,3
							12 x 18	39.37 X 59.05	78,5
							15 x 15	49.21 X 49.21	79,4
							15 x 18	49.21 X 59.05	81,0
							18 x 18	59.05 X 59.05	78,2
150	21.75	702	2.92	3.00	23,10	75.80	18 x 18	59.05 X 59.05	75,7
							18 x 15T	59.05 X 49.21T	75,7

*Sprinkler height: 0,6 m.

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

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.



HYDRAULIC CHARACTERISTICS

1AS43121 AGROS-40 9/64" + 3/32" (3,6 + 2,4 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigation diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	pies	m x m	pies x pies	%
450	65.25	1444	6.35	1,09	29,20	95.77	12 x 12	39,37 X 39.37	92,4
							12 x 15	39.37 X 49.21	80,0
							12 x 18	39.37 X 59.05	90,9
							15 x 15	49.21 X 49.21	87,7
							15 x 18	49.21 X 59.05	89,4
							18 x 18	59.05 X 59.05	87,7
							18 x 15T	59.05 X 49.21T	84,6
350	50.75	1284	5.65	1,17	27,80	91.18	12 x 12	39,37 X 39.37	89,0
							12 x 15	39.37 X 49.21	85,7
							12 x 18	39.37 X 59.05	88,1
							15 x 15	49.21 X 49.21	87,1
							15 x 18	49.21 X 59.05	87,5
							18 x 18	59.05 X 59.05	83,9
							18 x 15T	59.05 X 49.21T	80,9
250	36.20	1080	4.75	1,24	26,80	87.90	12 x 12	39,37 X 39.37	86,4
							12 x 15	39.37 X 49.21	81,2
							12 x 18	39.37 X 59.05	79,7
							15 x 15	49.21 X 49.21	82,3
							15 x 18	49.21 X 59.05	83,1
							18 x 18	59.05 X 59.05	80,2
							18 x 15T	59.05 X 49.21T	76,1

* Sprinkler height: 0,6 m.

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

AGROS-40

- **Connection:** ¾" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** untill 95%.



HYDRAULIC CHARACTERISTICS

1AS43011 AGROS-40 11/64" +3/32" (4,4+2,4 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigation diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	feet	m x m	feet x feet	%
450	65.25	1983	8.73	1,55	29,60	97,08	12 x 12	39,37 X 39.37	92,8
							12 x 15	39.37 X 49.21	88,5
							12 x 18	39.37 X 59.05	91,1
							15 x 15	49.21 X 49.21	87,9
							15 x 18	49.21 X 59.05	89,7
							18 x 18	59.05 X 59.05	88,4
400	58.00	1887	8.30	1,64	29,20	95,77	18 x 15T	59.05 X 49.21T	83,7
							12 x 12	39,37 X 39.37	92,0
							12 x 15	39.37 X 49.21	88,2
							12 x 18	39.37 X 59.05	90,6
							15 x 15	49.21 X 49.21	88,9
							15 x 18	49.21 X 59.05	90,1
350	50.75	1771	7.79	1,74	29,60	97,09	18 x 18	59.05 X 59.05	88,3
							18 x 18	59.05 X 59.05	88,0
							18 x 15T	59.05 X 49.21T	83,0
							12 x 12	39,37 X 39.37	93,7
							12 x 15	39.37 X 49.21	88,3
							12 x 18	39.37 X 59.05	89,6
300	43.50	1650	7.26	1,73	28,60	93,81	15 x 15	49.21 X 49.21	87,1
							15 x 18	49.21 X 59.05	89,7
							18 x 18	59.05 X 59.05	87,7
							18 x 18	59.05 X 59.05	87,7
							18 x 15T	59.05 X 49.21T	82,7
							12 x 12	39,37 X 39.37	92,4
250	36.20	1506	6.63	1,73	27,80	91,18	12 x 15	39.37 X 49.21	86,5
							12 x 18	39.37 X 59.05	87,3
							15 x 15	49.21 X 49.21	86,2
							15 x 18	49.21 X 59.05	89,1
							18 x 18	59.05 X 59.05	87,7
							18 x 15T	59.05 X 49.21T	82,7
200	29.00	1200	5.00	1,73	26,80	89,18	12 x 12	39,37 X 39.37	91,8
							12 x 15	39.37 X 49.21	84,5
							12 x 18	39.37 X 59.05	84,8
							15 x 15	49.21 X 49.21	84,5
							15 x 18	49.21 X 59.05	87,9
							18 x 18	59.05 X 59.05	85,0
150	21.75	800	3.30	1,73	25,90	86,18	18 x 15T	59.05 X 49.21T	81,1

* Sprinkler height: 0,6 m.

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

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.



HYDRAULIC CHARACTERISTICS

1AS43031 AGROS-40 3/16" + 3/32" (4.8+2.4 mm)									
Pressure (1bar = 100 kPa)		Flow		Revolutions	Irrigation diameter*		Irrigation frame		CUD**
kPa	psi	l/h	gpm	rpm	m	feet	m x m	feet x feet	%
400	58.00	2145	9.44	1,89	30,60	100.37	12 x 12	39,37 X 39.37	94,9
							12 x 15	39.37 X 49.21	91,3
							12 x 18	39.37 X 59.05	91,8
							15 x 15	49.21 X 49.21	89,9
							15 x 18	49.21 X 59.05	91,8
							18 x 18	59.05 X 59.05	92,3
							18 x 15T	59.05 X 49.21T	88,8
350	50.75	2023	8.90	1,93	30,40	99.71	12 x 12	39,37 X 39.37	94,4
							12 x 15	39.37 X 49.21	90,7
							12 x 18	39.37 X 59.05	90,2
							15 x 15	49.21 X 49.21	88,9
							15 x 18	49.21 X 59.05	91,1
							18 x 18	59.05 X 59.05	91,7
							18 x 15T	59.05 X 49.21T	87,5
300	43.50	1855	8.16	1,96	29,40	96.43	12 x 12	39,37 X 39.37	93,9
							12 x 15	39.37 X 49.21	88,5
							12 x 18	39.37 X 59.05	88,2
							15 x 15	49.21 X 49.21	87,6
							15 x 18	49.21 X 59.05	90,0
							18 x 18	59.05 X 59.05	90,3
							18 x 15T	59.05 X 49.21T	85,4
250	36.25	1709	7.52	1,95	28,90	94.80	12 x 12	39,37 X 39.37	94,0
							12 x 15	39.37 X 49.21	86,6
							12 x 18	39.37 X 59.05	86,4
							15 x 15	49.21 X 49.21	85,7
							15 x 18	49.21 X 59.05	88,7
							18 x 18	59.05 X 59.05	88,7
							18 x 15T	59.05 X 49.21T	83,3
200	29.00	1533	6.75	1,88	27,70	90.86	12 x 12	39,37 X 39.37	91,8
							12 x 15	39.37 X 49.21	83,1
							12 x 18	39.37 X 59.05	82,9
							15 x 15	49.21 X 49.21	82,7
							15 x 18	49.21 X 59.05	86,7
							18 x 18	59.05 X 59.05	83,5
							18 x 15T	59.05 X 49.21T	80,0

* Sprinkler height: 0,6 m.

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

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.

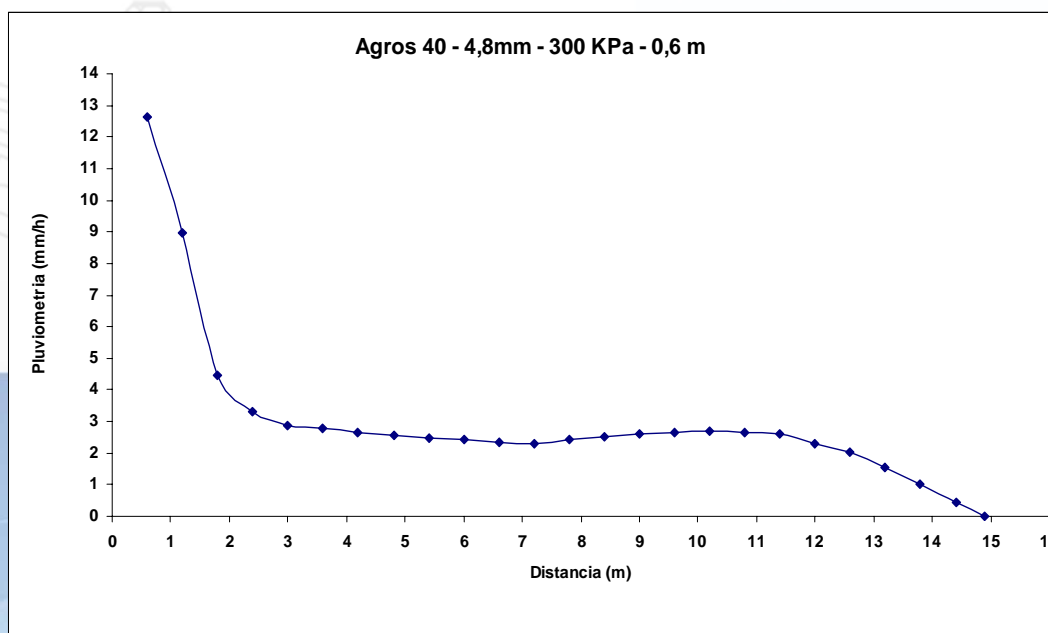


RADIAL CURVE

- Ref. 1AS43071 AGROS-40 3/16"+ plug (4,8 + 0,0 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler model	Agros 40	Air temperature (°C)	25,2
Nozzle(s)	4,8 mm + 0,0 mm	Relative humidity (%)	65,0
Working pressure (kPa)	300	Discharge unloaded (l/h)	1545
Height (m)	0,6	Test duration (min)	60
Pluviometers numbers	24	Rotation speed (min)	1,96
Distances between pluviometers (m)	0,6	Reach radio (m)	14,90

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)	12,62	8,95	4,47	3,32	2,87	2,76	2,66	2,56	2,46	2,41	2,36	2,31	2,41
Distance (m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,40	14,90	
Pluviom. (mm/h)	2,51	2,61	2,66	2,71	2,66	2,61	2,31	2,01	1,56	1,01	0,45	0,00	



Irrigation frame (mxm)							
12x12	12x15	12x18	15x15	15x18	18x18	18x15 T	
Distribution uniformity coefficient (CUD) %	89,4	82,4	78,7	79,6	80,8	80,2	77,0

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.

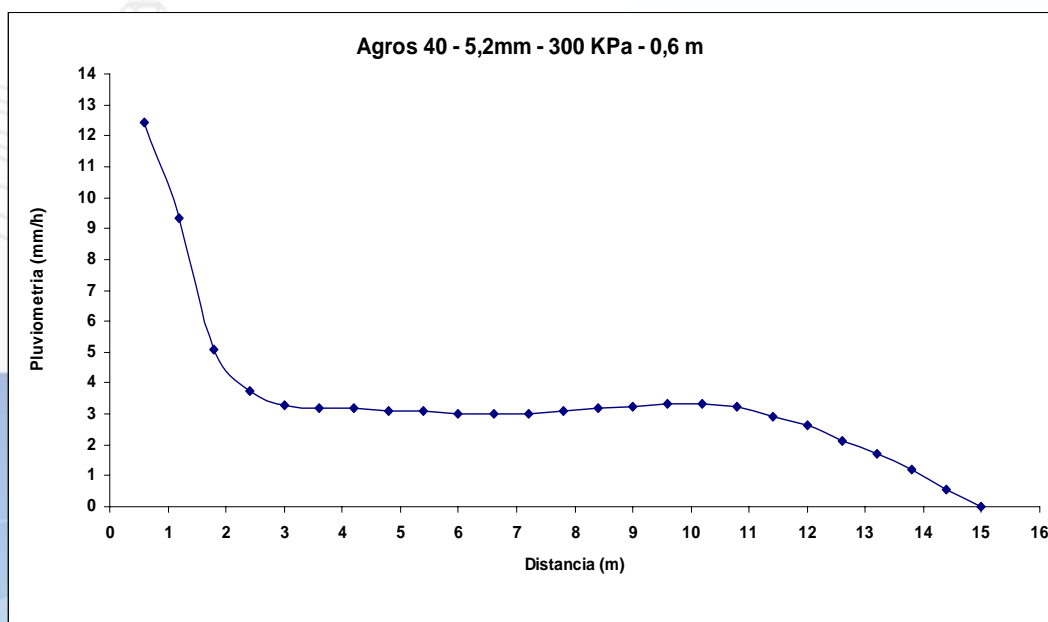


RADIAL CURVE

- Ref. 1AS43021 AGROS-40 13/64" + plug (5,2 + 0,0 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler model	Agros 40	Air temperature (°C)	18,4
Nozzle(s)	5,2 mm + 0,0 mm	Relative Humidity (%)	73,0
Working pressure (kPa)	300	Discharge unloaded (l/h)	1781
Height (m)	0,6	Test duration (min)	60
Pluviometers numbers	25	Rotation speed (min)	2,25
Distance between pluviometers (m)	0,6	Reach Radio (m)	15,00

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)	12,42	9,35	5,08	3,72	3,27	3,17	3,17	3,12	3,12	3,02	3,02	3,02	3,12
Distance (m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,40	15,00	
Pluviom. (mm/h)	3,17	3,22	3,32	3,32	3,22	2,92	2,61	2,11	1,71	1,21	0,55	0,00	



Distribution uniformity coefficient (CUD) %	Irrigation frame (mxm)						
	12x12	12x15	12x18	15x15	15x18	18x18	18x15 T
	92,1	84,1	81,3	81,1	83,0	80,5	77,5

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.

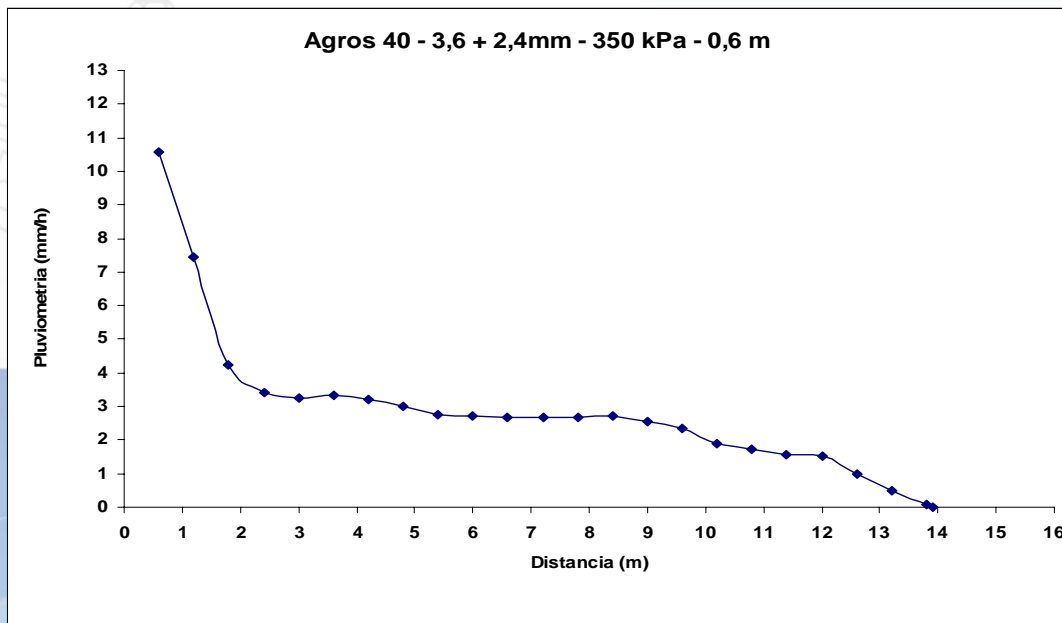


RADIAL CURVE

- Ref. 1AS43121 AGROS-40 9/64" + 3/32" (3,6 + 2,4 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler Model	Agros 35	Air temperature (°C)	26,6
Nozzle(s)	3,6 mm + 2,4 mm	Relative Humidity (%)	43,0
Working pressure (kPa)	350	Discharge unloaded (l/h)	1284
Height (m)	0,6	Test duration (min)	60
Pluviometers numbers	23	Rotation speed (min)	1,17
Distance between pluviometers (m)	0,6	Reach Radio (m)	13,90

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)	10,56	7,44	4,22	3,42	3,27	3,32	3,22	3,02	2,76	2,71	2,66	2,66	2,66
Distance (m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	13,90		
Pluviom. (mm/h)	2,71	2,56	2,36	1,91	1,71	1,56	1,51	1,01	0,50	0,10	0,00		



	Irrigation frame (mxm)						
	12x12	12x15	12x18	15x15	15x18	18x18	18x15 T
Distribution Uniformity Coefficient (CUD) %	89,0	85,7	88,1	87,1	87,5	83,9	80,9

AGROS-40

- **Connection:** 3/4" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.

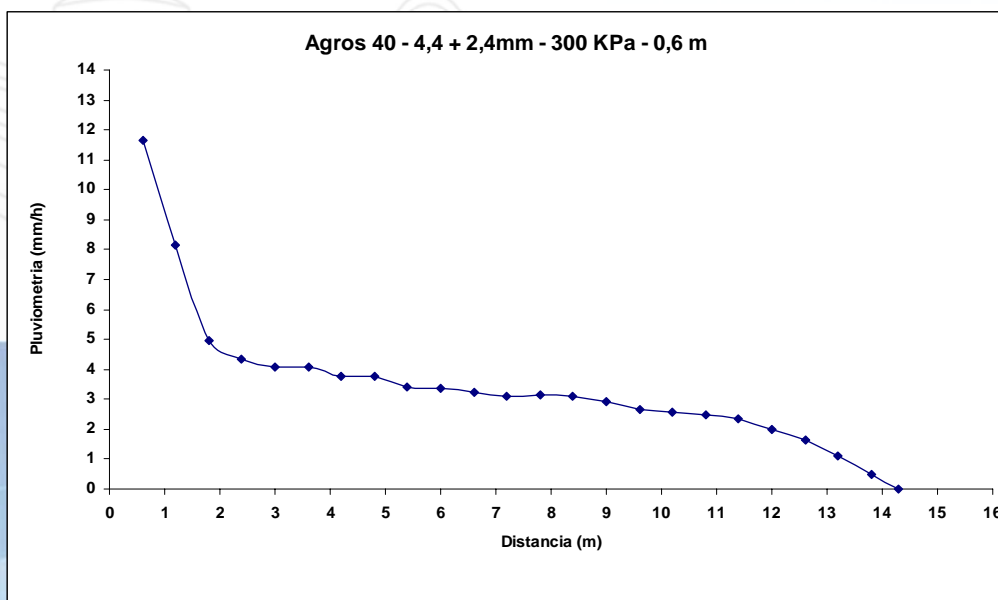


RADIAL CURVE

- Ref. 1AS43011 AGROS-40 11/64" + 3/32" (4,4 + 2,4 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler Model	Agros 40	Air Temperature (°C)	23,7
Nozzle(s)	4,4 mm + 2,4 mm	Relative Humidity (%)	50,7
Working Pressure (kPa)	300	Discharge unloaded (l/h)	1650
Height (m)	0,6	Test duration (min)	60
Pluviometers numbers	23	Rotation speed (min)	1,73
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)	11,66	8,14	4,98	4,32	4,07	4,07	3,77	3,77	3,42	3,37	3,22	3,12	3,17
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)	3,12	2,92	2,66	2,56	2,46	2,36	2,01	1,66	1,11	0,50	0,00		



Distribution uniformity coefficient (CUD) %	Irrigation frame (mxm)						
	12x12	12x15	12x18	15x15	15x18	18x18	18x15 T
	92,4	86,5	87,3	86,2	89,1	87,7	82,7

AGROS-40

- **Connection:** ¾" BSP, NPT, male or female thread.
- **Main nozzle angle:** 27°.
- **Working pressures range:** 200 to 450 kPa (from 29.00 to 65.25 psi).
- **Testing nominal flor range:**
 - One nozzle and plug: 702 to 2.410 l/h (3.08 to 10.60 gpm).
 - Two nozzles: 1.149 to 4.800 l/h (5.06 to 21.12 gpm).
- **Irrigation diameter:** 26,80 to 34,40 m (87.90 to 112.83 feet).
- **Distribution uniformity coefficient (CUD):** until 95%.

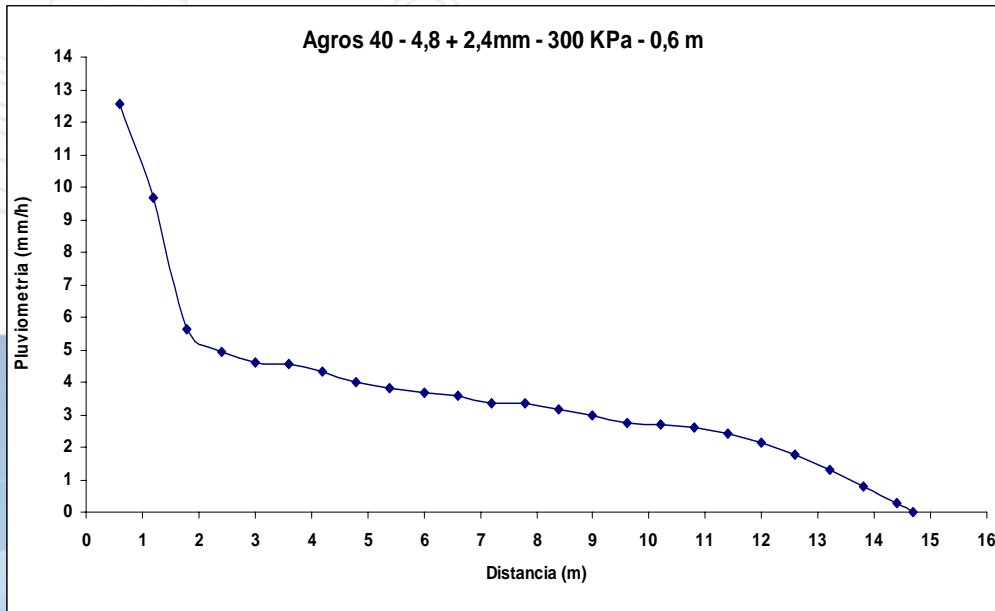


RADIAL CURVE

- Ref. 1AS43031 AGROS-40 3/16" + 3/32" (4,8 + 2,4 mm)

Trademark	Cometal	First Pluviometer (m)	0,6
Sprinkler Model	Agros 40	Air temperature (°C)	23,3
Nozzle(s)	4,8 mm + 2,4 mm	Relative Humidity (%)	66,3
Working pressure (kPa)	300	Discharge unloaded (l/h)	1855
Height (m)	0,6	Test duration (min)	60
Pluviometers numbers	24	Rotation speed (min)	1,96
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)	12,57	9,65	5,63	4,93	4,62	4,57	4,32	4,02	3,82	3,67	3,57	3,37	3,37
Distance (m)	8,40	9,00	9,60	10,20	10,80	11,40	12,00	12,60	13,20	13,80	14,40	14,70	
Pluviom. (mm/h)	3,17	2,97	2,76	2,71	2,61	2,41	2,16	1,76	1,31	0,80	0,30	0,00	



Distribution Uniformity Coefficient (CUD) %	Irrigation frame (mxm)						
	12x12	12x15	12x18	15x15	15x18	18x18	18x15 T
	93,9	88,5	88,2	87,6	90,0	90,3	85,4