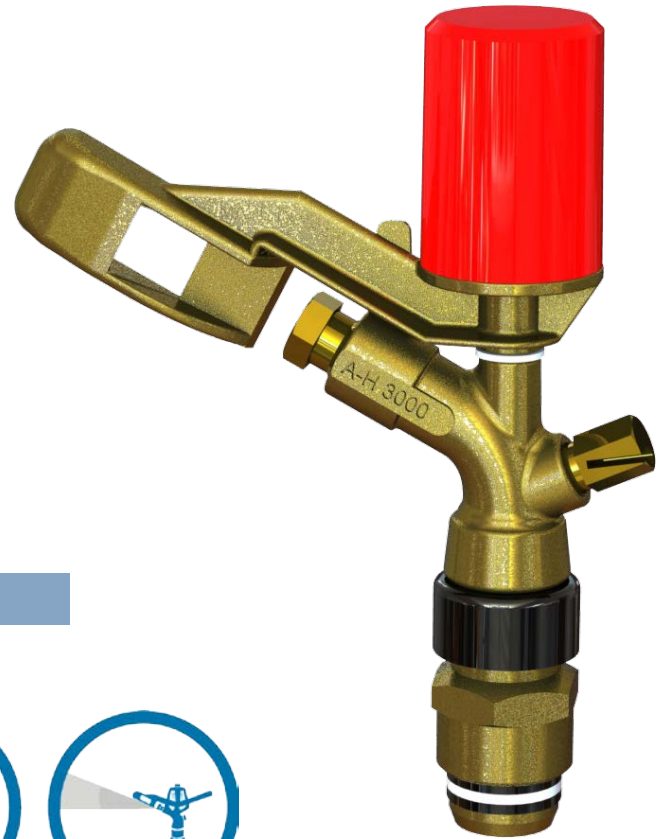


# AH 3000

- ✓ **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.
- ✓ **FULL CIRCLE** sprinkler
- ✓ **NOZZLES:** One or two brass nozzles.



## CHARACTERISTICS



**Conexión/Connection**  
3/4" BSP or NPT.  
Male



**Material/Material**  
Brass



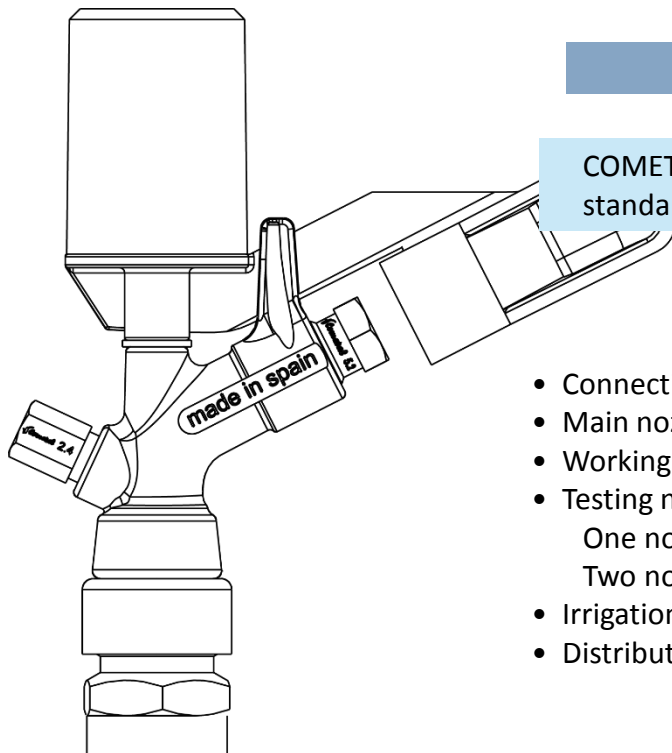
**Giro/Rotation**  
Full circle 360°



**Diámetro/Diameter**  
30 m. aprox



**Ángulo/Angle**  
27°

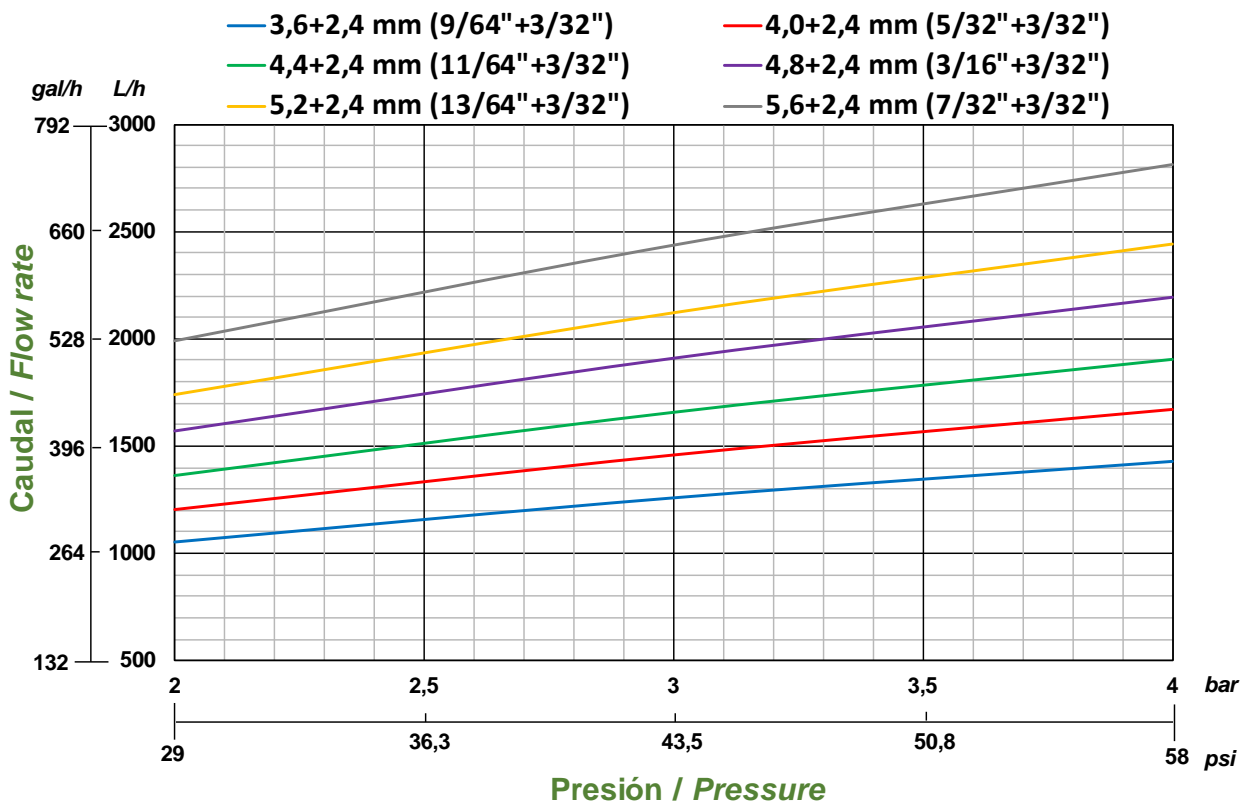


## SPECIFICATIONS

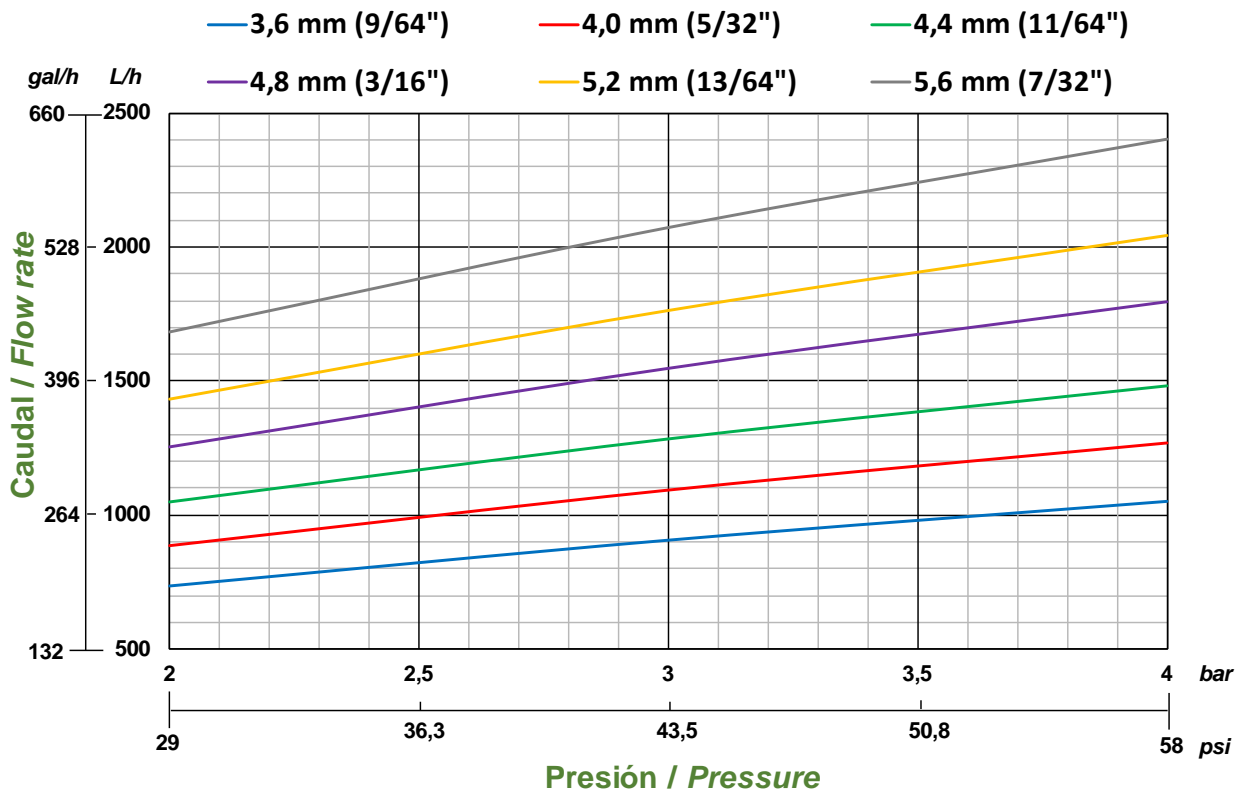
COMETAL sprinklers comply with **UNE 68072**, **15886 ISO** and **ISO 7749** standards based on general requirements and test methods.

- 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: 735-2.400 L/h (194-634 gph).
  - Two nozzles: 1.040-2.800 L/h (275-740 gph).
- Irrigation diameter: from 24,40 to 29,00 (from 80.03 to 95.12 feet).
- Distribution uniformity coefficient (CUD): until 90%.

**TWO NOZZLES**



**ONE NOZZLE AND PLUG**



## AH 3000 11/64" + tapón (4,4+0,0 mm)

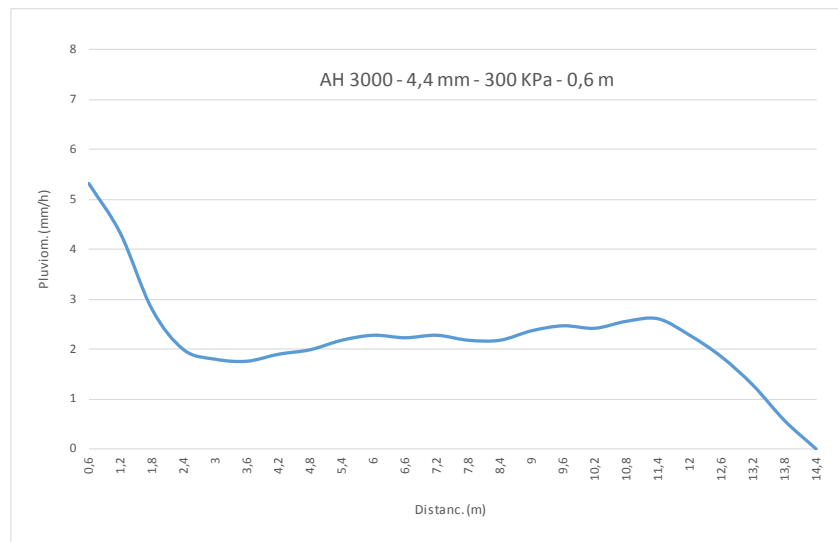
\* For other combinations, consult with Technical Department

Pressure (1bar = 100 kPa)		Flow rate		Revolutions	Irrigated diameter		Irrigation frame		CUD*
kPa	psi	l/h	gpm		m	feet	m x m	feet x feet	
400	58.00	1482	6,53	1,89	29,40	96.46	12 x 12	39,37 X 39.37	91,8
							12 x 15	39.37 X 49.21	82,6
							12 x 18	39.37 X 59.05	81,0
							15 x 15	49.21 X 49.21	79,3
							15 x 18	49.21 X 59.05	82,1
							18 x 18	59.05 X 59.05	76,7
300	43.50	1284	5,65	1,97	28,60	93.83	12 x 12	39,37 X 39.37	91,1
							12 x 15	39.37 X 49.21	79,8
							12 x 18	39.37 X 59.05	77,1
							15 x 15	49.21 X 49.21	76,4
							15 x 18	49.21 X 59.05	81,0
							18 x 18	59.05 X 59.05	74,3
200	29.00	1049	4,62	2,20	26,80	87,93	12 x 12	39,37 X 39.37	85,2
							12 x 15	39.37 X 49.21	72,1
							12 x 18	39.37 X 59.05	71,6
							15 x 15	49.21 X 49.21	71,2
							15 x 18	49.21 X 59.05	75,9
							18 x 18	59.05 X 59.05	64,9
							18 x 15T	59.05 X 49.21T	65,9

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

## RADIAL CURVE

Trademark	Cometal
Sprinkler model	AH 3000
Nozzle(s)	4,4 mm + 0,0 mm
Working Pressure(kPa)	300
High (m)	1,0
Pluviometers numbers	23
Distance between Pluviometers (m)	0,6
First Pluviometer (m)	0,6
Air Temperature (°C)	20,6
Relative Humidity (%)	61,0
Discharge Unloaded (l/h)	1284
Test duration (min)	60
Rotation Speed (min)	1,97
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)	5,32	4,32	2,8	1,99	1,80	1,76	1,90	1,99	2,18	2,28	2,23	2,28	2,18
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)	2,18	2,37	2,47	2,42	2,56	2,61	2,28	1,85	1,28	0,57	0,00		