

### General properties:

- Part circle impact sprinkler, medium flow.
- 3/4" male or female connection.
- Made of brass and stainless steel.
- High-resistance rotating joints.
- Nozzle angles of 24° and 12°.
- Part circle mechanical system using clips that are very easy and quick to adjust.
- Used in full coverage irrigation with medium flow to cover the side and corner areas.
- Special mechanical and hydraulic design for energy saving and an optimal coverage coefficient.

### Technical specifications:

- Reach: 42-60 ft. (13-18 m).
- Flow: 2,7-15,1 GPM (660- 3270 l/h).
- Working pressure: 25-65 PSI (1,75- 4,5 BAR).
- Area: Part or full circle.
- Nozzles: One main long reach nozzle and a secondary short reach nozzle.
- Trajectory angles: 24° and 12°.
- Maximum stream height: 12 ft. (3,8 m).
- Rotation time: Depending on the pressure and the nozzles, the rotation will be constant and continuous.

### Applications:

- Horticultural plantations, cereals, tubers, leguminous plants and fruit trees.

### Dimensions:









- Height: 6,3 in. (16 cm).
- Width: 7,1 in. (18 cm).
- Weight: 1,34 lbs. (608 grs).
- Units per box: 25.

### Models:

- Ref. 006001:** Without diffuser pin. Male.
- Ref. 006003:** With diffuser pin. Male.
- Ref. 006020:** Without diffuser pin. Female.
- Ref. 006021:** With diffuser pin. Female.
- Ref. 106000:** Diffuser pin assembly.













### Long range nozzles (long vane) + Plug

														
	1/8" 3,2 mm.		9/64" 3,6 mm.		5/32" 4,0 mm.		11/64" 4,4 mm.		3/16" 4,8 mm. 		13/64" 5,2 mm.		7/32" 5,6 mm.	
PSI	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.
36	2,73	85	3,48	87	4,27	90	5,10	98	6,12	105	7,22	107	7,57	112
44	3,00	85	3,78	87	4,62	92	5,58	100	6,65	105	7,88	110	8,27	115
51	3,25	87	4,10	89	5,02	97	6,07	103	7,22	108	8,50	113	9,42	118
58	3,48	87	4,40	92	5,37	97	6,47	107	7,70	112	9,07	116	9,97	121
65	3,70	89	4,67	95	5,68	98	6,82	110	8,18	115	9,60	118	10,60	126
73	3,87	90	4,93	97	5,98	100	7,22	112	8,62	118	10,08	123	11,08	130
80	4,10	92	5,15	98	6,30	102	7,57	115	9,07	120	10,47	125	11,62	131

(\*Sprinkler at 1 meter height)

### Long range nozzles (long vane) + short range nozzle

																		
	1/8" x 3/32" 3,2 x 2,4 mm.		9/64" x 3/32" 3,6 x 2,4 mm.		5/32" x 3/32" 4,0 x 2,4 mm.		11/64" x 3/32" 4,4 x 2,4 mm. 		11/64" x 7/64" 4,4 x 2,8 mm.		3/16" x 7/64" 4,8 x 2,8 mm.		3/16" x 1/8" 4,8 x 3,2 mm.		13/64" x 1/8" 5,2 x 3,2 mm.		7/32" x 1/8" 5,6 x 3,2 mm.	
PSI	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.	GPM	Ø Ft.
36	4,32	85	5,07	87	5,80	90	6,68	98	7,62	98	8,33	105	9,02	105	10,17	107	10,82	112
44	4,70	85	5,50	87	6,38	92	7,35	100	7,92	100	9,23	105	9,85	105	11,08	110	12,02	115
51	5,10	87	5,93	89	6,87	97	7,92	103	8,43	103	9,92	108	10,65	108	11,97	113	12,83	118
58	5,45	87	6,38	92	7,35	97	8,45	107	9,10	107	10,57	112	11,40	112	12,80	116	13,35	121
65	5,80	89	6,78	95	7,78	98	8,93	110	9,53	110	11,20	115	12,10	115	13,50	118	13,95	126
73	5,98	90	7,13	97	8,23	100	9,42	112	10,12	112	11,80	118	12,67	118	14,22	123	14,52	130
80	6,42	92	7,48	98	8,62	102	9,85	115	10,57	115	12,37	120	13,25	120	14,78	125	15,10	131

(\*Sprinkler at 1 meter height)

 **STANDARD**

Ø ft. : Diameter of coverage

- Sprinklers will be supplied with standard nozzles unless otherwise specified.
- For optimum distribution avoid use in shady areas.
- In order to calculate the flow, add the flows of the two nozzles. The range of the rear nozzle must be less than that of the main nozzle.

