

Caudal® DripLine PC700 ND

V1124

» 0,63 mm Rootguard®

Self-compensating drip irrigation

∅ 16 | 22 mm

1,1 | 1,6 | 2,2 | 3,8 l/h

**Water.
People.
Future.**


A photograph of a middle-aged man with a friendly expression, wearing a striped shirt and a tan work vest. He is holding a green leaf in his hands. The background is a blurred field of crops under a clear sky. The image is framed by a teal curved shape at the top and a dark blue curved shape at the bottom.

Caudal




TECHNICAL DATA OF THE BRANCH LINE

CAUDAL® Dripline PC700 ND 0,63 mm Rootguard® Ø16 y Ø22

Model			Pres. work max.	KD
	mm	mm	bar	
NINR70016063	15,1	0,63	2,8	0,41
NINR70022063	21,2	0,63	2,5	0,13

DRIPPER TECHNICAL DATA

The Caudal® PC700 ND 0,63 mm Rootguard® dripline complies with ISO 9261.

	Working pressure range dripper	Dimensions water passage width x depth x length	Filtration area	k*	x*	Closing pressure	Recommended filtration
l/h	bar	mm	mm ²			bar	(microns/mesh)
1,1	0,7 - 4,0	0,82 x 0,76 x 139	37,37	1,1	0,0	0,15	150/ 100
1,6	0,7 - 4,0	1,06 x 0,85 x 132	37,37	1,6	0,0	0,15	150/ 100
2,2	0,7 - 4,0	1,08 x 0,88 x 93,5	37,37	2,2	0,0	0,15	120/ 130
3,8	0,7 - 4,0	1,30 x 0,90 x 78,7	37,37	3,8	0,0	0,15	120/ 130


*Within the working pressure range of the dropper

MAXIMUM LENGTH OF BRANCH LINE

Minimum pressure in the last dripper of the branch: 0,7 bar.

Ground slope: 0 %.

CAUDAL® Dripline PC700 ND 0,63 mm Rootguard® Ø16 y Ø22


Model		Inlet Pressure	Maximum length (m)							
			Dripper spacing (cm)							
	l/h	bar	20	30	33	40	50	60	75	100
Ø16 NINR70016063	1,1	1,0	71	99	107	124	146	167	196	240
		1,5	111	154	166	193	229	262	308	377
		2,0	133	186	201	233	277	317	373	458
		2,8	159	223	240	280	332	381	448	551
	1,6	1,0	56	77	84	97	115	131	154	189
		1,5	86	121	130	151	179	206	242	297
		2,0	104	146	157	183	217	249	293	360
		2,8	125	174	188	219	260	299	352	433
	2,2	1,0	45	63	68	79	93	107	126	154
		1,5	70	98	106	123	146	167	197	242
		2,0	85	118	128	149	177	203	239	294
		2,8	101	142	153	178	212	243	287	353
	3,8	1,0	32	44	48	55	66	75	88	108
		1,5	49	69	74	86	102	117	138	170
		2,0	59	83	89	104	124	142	168	207
		2,8	70	99	107	125	148	171	201	248

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Ground slope: 0 %.

CAUDAL® Dripline PC700 ND 0,63 mm Rootguard® Ø16 y Ø22

Model		Inlet Pressure	Maximum length (m)							
			Dripper spacing (cm)							
	l/h	bar	20	30	33	40	50	60	75	100
Ø22 NINR70022063	1,1	1,0	143	194	208	238	278	316	368	446
		1,5	223	303	325	373	437	497	579	703
		2,0	270	367	394	453	530	603	703	854
		2,5	305	415	445	512	601	683	797	969
	1,6	1,0	112	152	163	187	219	249	289	351
		1,5	175	238	255	293	344	390	455	553
		2,0	211	288	309	355	417	474	553	672
		2,5	239	326	349	402	472	537	626	762
	2,2	1,0	91	124	133	153	179	203	236	287
		1,5	142	193	208	239	280	318	371	451
		2,0	172	234	251	289	340	386	451	548
		2,5	194	265	284	327	384	437	511	621
	3,8	1,0	64	87	93	107	126	143	166	202
		1,5	100	136	146	168	197	224	261	318
		2,0	120	164	176	203	239	271	317	386
		2,5	136	186	199	230	270	307	359	437

LOGISTICAL DATA

Ø	▶◀		⊙	📦 ¹	⊙	⊙	Height	20	40	40 hcpw	🚚	🚚🚚
	mm	mil										
16	0,63	25	600	18,00	0,60	0,18	0,30	280	588	756	468	972
22	0,63	25	500	20,50	0,60	0,18	0,30	280	588	756	468	972

Approximate dimensions. Theoretical calculation.

*Theoretical weight of the coil without drippers.

SOME APPLICATIONS:



Pistachio



Almond



Vineyard



Gardening



Olive



Aromatic Plants



HANDLING OF THE PRODUCT:

- Do not expose to sunlight.
- Store in a cool place, avoiding high temperatures.
- Installation of the product is recommended within 6/8 weeks from the date of receipt.
- Handle with gloves. The product should be handled at all times with protected hands, skin irritation may occur during prolonged contact with the chemical compound.
- Maintain adequate ventilation in the place where the product is stored.

ROOTGUARD PROTECTION

Rootguard® configuration provides additional protection against root infiltration in subsurface drip irrigation (RGS).

Prolonged and controlled release of the minimum effective dose of active ingredient (Pendimethalin**).

*ROOTGUARD® is a registered trademark of All Innovations BV.

**Active ingredient approved by European legislation.

GUARANTEE

The warranty for our products is limited exclusively to the replacement of defective material, if recognised as such, as far as its manufacture is concerned. The warranty shall not apply if the damage to the product has been caused by improper handling, incorrect installation or improper treatment. Likewise, the guarantee shall not be valid in cases where the material is installed or put into operation for a use other than that for which it was manufactured or designed. Damage and defects caused by external agents such as animals, weather, poor filtering of the installation, clogging of drippers, overpressure, use of aggressive chemical agents, etc. are excluded from this guarantee. The guarantee of our products has a duration of three years from the day of delivery of the material, and claims will only be accepted during these three years of validity.

Rootguard® products are covered by an exceptional warranty, which specifically covers the replacement of materials in the event of malfunctions resulting from the insertion of roots inside the dripper. This warranty is valid for a period of ten years, starting from the date of receipt of the equipment, and any claim must be submitted within this period. It is important to note that this warranty applies exclusively to Rootguard® products. In conclusion, the provision of the Rootguard® warranty is a testimony to the quality and durability of the product.

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