

Caudal® Dripline PC700 AS

V2426

» 0,63 mm Rootguard®

Anti-suction self-compensating drip irrigation

∅ 16 | 22 mm

💧 1,1 | 1,6 | 2,2 | 3,8 l/h

Water.
People.
Future.

Caudal




DRIPLINE TECHNICAL DATA

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

Model			Maximum Working Pressure	KD
	mm	mm	bar	
NIAR70016063	15,1	0,63	2,8	0,41
NIAR70022063	21,2	0,63	2,5	0,13

DRIPPER TECHNICAL DATA

The Caudal® PC700 AS 0.63 mm Rootguard® dripline complies with ISO 9261.

	Working Pressure Range	Flow Path Dimensions (Width x Depth x Length)	Filtering Surface	k*	x*	Recommended Filtration
l/h	bar	mm	mm			(micron/mesh)
1,1	0,7 - 4,0	0,82 x 0,76 x 139	37,37	1,1	0,0	150/ 100
1,6	0,7 - 4,0	1,06 x 0,85 x 132	37,37	1,6	0,0	150/ 100
2,2	0,7 - 4,0	1,08 x 0,88 x 93,5	37,37	2,2	0,0	120/ 130
3,8	0,7 - 4,0	1,30 x 0,90 x 78,7	37,37	3,8	0,0	120/ 130

*Within the working pressure range of the dripper.


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MAXIMUM DRIPLINE LENGHT

Minimum pressure in the last dripper: 0,7 bar

Slope percentage: 0%

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


Model		Inlet Pressure	Maximum length (m)							
			Dripper spacing (cm)							
			20	30	33	40	50	60	75	100
Ø16 NIAR70016063	l/h	bar								
	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

MAXIMUM DRIPLINE LENGHT

Minimum pressure in the last dripper: 0,7 bar

Slope percentage: 0%

CAUDAL® DriplinePC700 AS 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 NIAR70022063	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

∅	▶◀		⊙	📦 ¹	∅	∅	COIL HEIGHT	🚚	🚚	🚚 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 coil weight excluding emitters.

SOME APPLICATIONS:



Pistachio



Olive



Wine grape



Gardening & Landscaping



Almond



Aromatics plants



PRODUCT HANDLING

- Keep away from direct sunlight.
- Store in a cool place, avoiding high temperatures.
- It's recommended to install the product within 6 to 8 weeks after reception.
- 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.
- Ensure proper ventilation in the area where the product is stored.

ROOTGUARD PROTECTION

The Rootguard® configuration provides additional protection against root intrusion within the dripper in subsurface drip irrigation (SDI).

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

Although the additive concentrations are very low, this product is not recommended for organic farming or similar uses.

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

**Active ingredient approved by EU legislation.

WARRANTY

The warranty for our products is limited to the replacement of materials that are found to be defective due to manufacturing. Damage resulting from improper handling, installation, or treatment voids the warranty. Likewise, the warranty will be void if the material is used for a purpose other than that for which it was designed or manufactured. This warranty does not cover damages or defects caused by external factors, including but not limited to animal interference, weather conditions, inadequate installation or filtration, clogged drippers, excessive pressure, and the use of harsh chemicals. Our products come with a three-year warranty that starts from the delivery date. To ensure validity, claims must be made within this three-year period.

The Rootguard® products are accompanied by an exceptional warranty that specifically covers the replacement of materials in the event of functional defects resulting from root insertion inside the dripper. This warranty remains valid for a period of ten years, commencing from the date of material receipt, and any claims must be submitted within this timeframe. It's important to highlight that this warranty is exclusively applicable Rootguard® to products. In conclusion, the Rootguard® warranty provision is a testament to the quality and durability of the product.

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