

Caudal® DripLine PC140 ND

V1124

Self-compensating drip irrigation

∅ 16 | 20 mm

💧 0,7 | 1,2 | 1,6 | 3,0 l/h

▶◀ ∅ 16: 1,0 | 1,1 mm
∅ 20: 1,1 | 1,2 mm

Water.
People.
Future.

Caudal



TECHNICAL DATA OF THE BRANCH LINE

CAUDAL® DRIPLINE PC140 ND | Ø16 y Ø20

Model	Ø	✂	Pres. work max.	KD
	mm	mm		
NCN014016100	13,8	1,0	3,5	0,27
NCN014016110	13,8	1,1	4,0	0,27
NCN014020110	17,4	1,1	3,5	0,10
NCN014020120	17,4	1,2	4,0	0,10

DRIPPER TECHNICAL DATA

The Caudal® PC140 ND dripline complies with ISO 9261.

l/h	Working pressure range	k	x*	Closing pressure	Recommended filtration
	bar			bar	(microns/mesh)
0,7	1,0 - 4,0	0,7	0,0	0,14	120/ 130
1,2	1,0 - 4,0	1,2	0,0	0,14	120/ 130
1,6	1,0 - 4,0	1,6	0,0	0,14	120/ 130
2,0	1,0 - 4,0	2,0	0,0	0,14	120/ 130
3,0	1,0 - 4,0	3,0	0,0	0,14	120/ 130

*Within the working pressure range of the dropper


MAXIMUM LENGTH OF BRANCH LINE




Minimum pressure in the last dripper of the branch: 1 bar.

Ground slope: 0 %

CAUDAL® DRIPLINE PC140 ND Ø16

Model		Inlet Pressure	Maximum length (m)							
			Dripper spacing (cm)							
	l/h	bar	20	30	33	40	50	60	75	100
NCN014016100 NCN014016110	0,7	2,0	167	228	245	283	332	378	441	537
		3,0	207	283	304	351	413	470	549	669
		4,0	236	323	347	401	472	537	629	766
	1,2	2,0	118	161	173	200	235	267	313	381
		3,0	145	200	215	248	292	332	389	474
		4,0	166	228	245	283	333	380	445	542
	1,6	2,0	97	134	144	166	195	222	260	317
		3,0	120	166	178	206	242	276	323	394
		4,0	137	189	203	235	277	316	370	451
	2,0	2,0	84	116	124	143	169	192	225	275
		3,0	104	143	154	178	210	239	280	342
		4,0	119	163	176	203	240	273	320	391
	3,0	2,0	65	89	95	110	130	148	173	212
		3,0	80	110	118	137	161	184	216	263
		4,0	91	125	135	156	184	210	246	301

CAUDAL® DRIPLINE PC140 ND Ø20

Model		Inlet Pressure	Maximum length (m)							
			Dripper spacing (cm)							
			20	30	33	40	50	60	75	100
NCN014020110 NCN014020120	l/h	bar								
	0,7	2,0	271	363	388	443	516	584	678	820
		3,0	336	450	482	551	642	727	844	1022
		4,0	383	515	551	630	735	832	967	1170
	1,2	2,0	191	256	274	313	365	414	480	581
		3,0	237	318	340	390	454	515	598	724
		4,0	270	363	389	445	520	589	684	829
	1,6	2,0	159	213	228	261	304	344	400	484
		3,0	197	264	283	324	378	428	497	602
		4,0	224	302	323	370	432	489	569	690
	2,0	2,0	137	184	197	226	263	298	346	420
		3,0	170	229	245	280	327	371	431	522
		4,0	194	261	280	320	374	424	493	598
	3,0	2,0	105	142	152	174	203	230	267	324
		3,0	131	176	188	216	252	286	332	403
		4,0	149	201	215	247	288	327	380	461

LOGISTICAL DATA

Ø	↔		⊙	🏠 ¹	⊙	⊙	Height	🚚	🚚	🚚 hcpw	🚚	🚚
	mm	mil										
16	1,0	40	400	18,00	0,75	0,40	0,30	189	378	486	297	552
	1,1	44	400	20,00	0,75	0,40	0,30					
20	1,1	44	300	18,30	0,85	0,50	0,30	112	224	288	180	480
	1,2	48	300	20,10	0,85	0,50	0,30					

Approximate dimensions. Theoretical calculation.

*Theoretical weight of the coil without drippers.

SOME APPLICATIONS:



Pitahaya



Soft fruit in greenhouses



Gardening and landscaping



Flower industry



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.

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