

Caudal® Dripline S400

V1124

Non-PC drip irrigation

∅ 16 | 20 mm

💧 1,0 | 1,5 | 2,2 | 4,0 l/h

➤ ∅ 16: 0,90 | 1,00 mm
∅ 20: 1,10 | 1,20 mm

Water.
People.
Future.

Caudal



TECHNICAL DATA OF THE BRANCH LINE

CAUDAL® Dripline S400 | Ø16 y Ø20

Model	Ø	✂	Pres. work max.	KD
	mm	mm		
NES040016090	13,8	0,90	3,0	0,19
NES040016100	13,8	1,00	3,5	0,19
NES040020110	17,4	1,10	3,5	0,13
NES040020120	17,4	1,20	4,0	0,13

DRIPPER TECHNICAL DATA

The Caudal® S400 dripline complies with ISO 9261.

💧	Water passage dimensions width x depth x length	Filtration area	k	x*	Recommended filtration
l/h	mm	mm			(microns/mesh)
1,0	0,62 x 0,62 x 116	20,00	0,30	0,51	120/130
1,5	0,70 x 0,62 x 106	20,00	0,46	0,52	120/130
2,2	0,75 x 0,75 x 104	20,00	0,72	0,49	120/130
4,0	0,97 x 0,85 x 64,4	12,00	1,20	0,52	120/130

*Nominal
flow at 1 bar

MAXIMUM LENGTH OF BRANCH LINE

The maximum lateral length is calculated considering a flow variation of 10 %.

CAUDAL® Dripline S400 | Ø16

Model		Inlet Pressure	QMax	Maximum length (m)								
				Dripper spacing (cm)								
	l/h	bar	l/h	20	30	33	40	50	60	75	100	150
NES040016090 NES040016100	1,0	1,0	1,0	73	99	106	121	141	160	186	225	293
		2,0	1,4	75	101	108	124	145	164	191	232	303
		3,0	1,7	75	102	109	126	147	167	194	235	308
		3,5	1,8	76	103	110	126	148	168	195	237	310
	1,5	1,0	1,5	55	74	79	91	106	120	140	170	221
		2,0	2,1	56	75	81	93	109	123	143	174	227
		3,0	2,6	56	76	82	94	110	125	145	176	231
		3,5	2,8	56	76	82	94	110	125	146	177	232
	2,2	1,0	2,2	43	58	63	72	84	95	111	134	175
		2,0	3,1	44	60	64	74	87	98	115	139	182
		3,0	3,8	45	61	66	75	88	100	117	142	186
		3,5	4,1	45	62	66	76	89	101	118	143	188
	4,0	1,0	4,0	29	39	42	48	56	64	74	90	118
		2,0	5,7	29	39	42	49	57	65	76	92	120
		3,0	7,1	29	40	43	49	58	66	76	93	122
		3,5	7,7	29	40	43	49	58	66	77	93	122

MAXIMUM LENGTH OF BRANCH LINE

The maximum lateral length is calculated considering a flow variation of 10 %.

CAUDAL® Dripline S400 | Ø20

Model		Inlet Pressure	QMax	Maximum length (m)								
				Dripper spacing (cm)								
				20	30	33	40	50	60	75	100	150
NES040020110 NES040020120	I/h	bar	I/h									
	1,0	1,0	1,0	111	149	159	182	213	241	280	338	440
		2,0	1,4	113	152	163	187	218	247	287	348	454
		3,0	1,7	114	154	165	189	221	250	291	353	461
		4,0	1,9	115	155	166	191	223	253	294	357	466
	1,5	1,0	1,5	83	112	120	137	160	181	210	255	332
		2,0	2,1	84	114	122	140	163	185	215	261	341
		3,0	2,6	85	115	123	141	165	187	218	265	346
		4,0	3,0	86	116	124	142	167	189	220	267	349
	2,2	1,0	2,2	65	88	94	108	126	143	166	202	263
		2,0	3,1	67	91	97	112	131	148	172	209	273
		3,0	3,8	68	92	99	114	133	151	176	213	279
		4,0	4,4	69	93	100	115	135	153	178	216	283
	4,0	1,0	4,0	44	59	63	72	85	96	112	135	177
		2,0	5,7	44	60	64	73	86	98	114	138	181
		3,0	7,1	44	60	64	74	87	99	115	140	183
		4,0	8,2	44	60	65	74	87	99	116	141	184

LOGISTICAL DATA

Ø	▶◀		⊙	📦 ¹	⊙	Height	20	40	40 hcpw	🚚	🚛
	mm	mil									
16	0,90	36	400	16,00	0,75	0,30	189	378	486	297	552
	1,00	40	400	18,00	0,75	0,30					
20	1,10	44	300	18,30	0,85	0,30	112	238	306	297	528
	1,20	48	300	20,10	0,85	0,30					

Approximate dimensions. Theoretical calculation.

*Theoretical weight of the coil without drippers.

SOME APPLICATIONS:



Pepper



Artichoke



Tomato



Surface support in RGS



Strawberry



Lettuce



GUARANTEE

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