

Caudal® Dripline S500

V1124

Non-PC drip irrigation

∅ 16 | 20 mm

1,0 | 1,6 | 2,0 | 4,0 | 7,0 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 S500 | Ø 16 y Ø 20

Model	Ø	✂	Pres. work max.	KD
	mm	mm		
NES050016090	13,8	0,90	3,0	0,25
NES050016100	13,8	1,00	3,5	0,25
NES050020110	17,4	1,10	3,5	0,18
NES050020120	17,4	1,20	4,0	0,18

DRIPPER TECHNICAL DATA

The Caudal® S500 0.63 mm dripline complies with ISO 9261.


 l/h	k	x*	Recommended filtration
			(microns/mesh)
1,0	0,39	0,42	120/130
1,6	0,57	0,45	120/130
2,0	0,68	0,47	120/130
4,0	1,30	0,49	120/130
7,0	2,80	0,40	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 S500 | Ø16

Model		Inlet Pressure	QMax	Maximum length (m)								
				Dripper spacing (cm)								
				20	30	33	40	50	60	75	100	150
NES050016090 NES050016100	I/h	bar	I/h									
	1,0	1,0	1,0	73	99	106	122	143	162	189	229	300
		2,0	1,4	77	105	113	130	152	173	202	245	321
		3,0	1,6	79	109	117	134	158	180	210	255	334
		3,5	1,7	80	110	118	136	160	182	213	259	339
	1,6	1,0	1,6	53	72	77	89	104	119	138	168	220
		2,0	2,2	55	76	81	94	110	125	146	178	233
		3,0	2,6	57	78	83	96	113	129	150	183	241
		3,5	2,8	57	78	84	97	114	130	152	185	243
	2,0	1,0	2,0	46	62	67	77	90	102	119	145	190
		2,0	2,7	47	64	69	80	94	107	125	152	199
		3,0	3,3	48	66	71	82	96	109	128	156	204
		3,5	3,6	48	66	71	82	97	110	129	157	206
	4,0	1,0	4,0	28	39	41	48	56	64	75	91	119
		2,0	5,6	29	40	43	49	58	66	77	94	124
		3,0	6,9	29	40	43	50	59	67	79	96	126
		3,5	7,4	29	40	44	50	59	68	79	97	127
	7,0	1,0	7,0	25	34	36	42	49	56	65	80	104
		2,0	9,3	26	36	39	45	53	60	70	86	113
		3,0	10,9	27	37	40	47	55	63	73	89	118
		3,5	11,6	28	38	41	47	56	63	74	91	119

MAXIMUM LENGTH OF BRANCH LINE

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

CAUDAL® Dripline S500 | Ø 20

Model		Inlet Pressure	QMax	Longitud máxima (m)								
				Dripper spacing (cm)								
				20	30	33	40	50	60	75	100	150
NES050020110 NES050020120	I/h	bar	I/h									
	1,0	1,0	1,0	110	149	159	183	214	243	283	344	449
		2,0	1,4	116	158	169	195	228	260	303	368	481
		3,0	1,6	120	163	175	202	237	269	314	382	501
		4,0	1,8	123	167	180	207	243	276	323	393	515
	1,6	1,0	1,6	80	109	117	134	157	178	208	252	330
		2,0	2,2	83	114	122	141	165	188	219	266	349
		3,0	2,6	86	117	126	145	170	193	226	275	360
		4,0	3,0	87	119	128	147	173	197	230	281	368
	2,0	1,0	2,0	69	93	100	115	135	153	179	217	284
		2,0	2,7	71	97	104	120	141	160	187	227	298
		3,0	3,3	73	99	106	123	144	164	192	233	306
		4,0	3,8	73	101	108	125	146	167	195	237	312
	4,0	1,0	4,0	43	58	62	72	84	96	112	136	179
		2,0	5,6	44	60	64	74	87	99	116	141	185
		3,0	6,9	44	61	65	75	88	101	118	144	189
		4,0	7,9	45	61	66	76	90	102	119	146	191
	7,0	1,0	7,0	32	43	46	53	63	72	84	102	134
		2,0	9,3	34	46	50	57	67	77	90	110	144
		3,0	10,9	35	48	52	60	70	80	94	114	150
		4,0	12,2	36	49	53	61	72	82	96	118	155

LOGISTICAL DATA

Ø	▶◀					Height					
	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:



Vineyard



Stone fruit



Olives



Gardening and landscaping



Maize



Horticulture



GUARANTEE

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