

Caudal® Dripline S400

V1124

✦ 0,63 mm

Non-PC drip irrigation

∅ 16 | 22 mm

💧 1,0 | 1,5 | 2,2 | 4,0 l/h

Water.
People.
Future.

Caudal



TECHNICAL DATA OF THE BRANCH LINE

CAUDAL® Dripline S400 0,63 mm | Ø 16 y Ø 22

Model	Ø	✂	Pres. work max.	KD
	mm	mm	bar	
NES040016063	15,1	0,63	2,8	0,16
NES040022063	21,2	0,63	2,5	0,05

DRIPPER TECHNICAL DATA

The Caudal® S400 0,63 mm dripline complies with ISO 926

l/h	Water passage dimensions ancho x profundidad x largo	Filtration area	k	x*	Recommended filtration
	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 0,63 mm | Ø16

Model		Inlet Pressure	QMax	Maximum length (m)								
				Dripper spacing (cm)								
				20	30	33	40	50	60	75	100	150
NES040016063	I/h	bar	I/h									
	1,0	1,0	1,0	86	116	124	142	166	188	218	264	344
		1,5	1,2	87	118	126	144	168	191	222	268	350
		2,0	1,4	88	119	127	146	170	193	224	272	354
		2,8	1,6	89	120	128	147	172	195	227	275	359
	1,5	1,0	1,5	65	87	93	107	125	141	164	199	259
		1,5	1,8	65	88	94	108	126	143	167	202	263
		2,0	2,1	66	89	95	109	127	145	168	204	266
		2,8	2,5	66	89	96	110	129	146	170	206	270
	2,2	1,0	2,2	51	69	74	84	99	112	130	157	205
		1,5	2,7	52	70	75	86	100	114	133	161	210
		2,0	3,1	52	71	76	87	102	116	134	163	213
		2,8	3,7	53	72	77	88	103	117	137	166	217
	4,0	1,0	4,0	34	46	49	56	66	75	87	106	138
		1,5	4,9	34	46	50	57	67	76	88	107	140
		2,0	5,7	34	46	50	57	67	76	89	108	141
		2,8	6,8	34	47	50	58	68	77	90	109	142

MAXIMUM LENGTH OF BRANCH LINE

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

CAUDAL® Dripline S400 0,63 mm | Ø 22

Model		INLET PRESSURE	Q _{MAX}	Maximum length (m)								
				Dripper spacing (cm)								
	(l/h)	bar	l/h	20	30	33	40	50	60	75	100	150
NES040022063	1,0	1,0	1,0	165	218	233	265	307	346	400	482	626
		1,5	1,2	167	221	236	269	312	352	407	491	637
		2,0	1,4	169	223	238	272	315	356	412	496	645
		2,5	1,5	170	226	241	275	319	360	417	503	654
	1,5	1,0	1,5	124	164	175	199	231	260	301	363	472
		1,5	1,8	125	166	177	202	234	264	306	369	479
		2,0	2,1	126	167	179	204	236	267	309	373	485
		2,5	2,4	127	169	180	206	239	270	312	377	491
	2,2	1,0	2,2	98	130	138	157	183	206	239	288	374
		1,5	2,7	100	132	141	161	186	210	244	294	382
		2,0	3,1	101	134	143	163	189	213	247	298	388
		2,5	3,5	102	136	145	165	192	217	251	304	395
	4,0	1,0	4,0	65	87	93	105	122	138	160	193	251
		1,5	4,9	66	88	93	107	124	140	162	196	255
		2,0	5,7	66	88	94	107	125	141	163	197	257
		2,5	6,4	67	89	95	108	126	142	165	199	259

LOGISTICAL DATA

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

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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