

Hydrodrip Super

Flat integral dripline

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design department

Dripline Type: Hydrodrip Super: 16/10/1.2; 16/12/1.2; 16/15/1.2

Diameter: 16/16 (ND/ID mm)

Nominal Flow Rate: 1.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	48	55	63	65	68	72	74	75	76	77	78	
	10	58	68	80	84	89	95	98	102	103	104	105	107
-1	7.5	57	68	85	88	97	107	114	120	123	125	130	133
	10	67	80	101	107	118	131	142	151	155	158	166	171
0	7.5	67	83	111	119	136	159	179	199	208	217	235	251
	10	76	94	126	135	154	180	203	225	236	246	266	285
1	7.5	75	95	132	143	166	199	230	260	275	289	318	345
	10	83	105	146	157	182	218	251	283	299	314	344	374
2	7.5	82	105	148	160	188	228	271	314	331	346	374	402
	10	89	114	161	174	204	245	284	322	355	374	402	430

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

$$EU = \frac{Q_{\min}}{Q_{avr}} * (1 - 1.27 * CV)$$

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	92	107	130	135	146	158	166	174	176	179	184	187
-1	104	125	159	167	185	207	226	242	249	256	268	279
0	119	148	198	212	242	282	319	354	371	387	419	448
1	132	167	230	248	287	341	391	438	462	484	527	569
2	140	178	247	266	308	364	415	462	485	506	509	546

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

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Dripline Type: Hydrodrip Super: 16/18/1.2

Diameter: 16/15.2 (ND/ID mm)

Nominal Flow Rate: 1.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	43	49	56	58	61	64	66	67	68	68	69	69
	10	51	59	71	73	78	83	86	88	89	90	92	93
-1	7.5	51	60	75	79	86	95	101	107	110	111	115	118
	10	59	70	89	93	103	115	124	132	135	138	144	149
0	7.5	60	74	99	105	120	140	158	176	184	192	207	222
	10	67	83	110	118	135	157	178	197	206	215	233	249
1	7.5	67	85	117	126	147	176	203	230	242	255	280	305
	10	73	93	128	138	160	191	220	248	262	275	302	328
2	7.5	72	93	131	142	167	201	87	82	80	79	77	77
	10	79	101	141	153	179	215	250	284	131	124	116	112

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

$$EU = \frac{Q_{\min}}{Q_{avr}} * (1 - 1.27 * CV)$$

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	82	96	119	122	134	146	152	161	164	164	171	175
-1	93	111	142	149	166	186	203	218	227	234	242	253
0	105	130	174	186	213	248	281	312	326	340	367	394
1	116	146	201	216	250	297	340	382	402	422	460	496
2	123	156	216	232	269	318	364	406	425	445	482	518

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

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Dripline Type: Hydrodrip Super: 16/25/1.2

Diameter: 16/15.2 (ND/ID mm)

Nominal Flow Rate: 1.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	43	50	58	60	64	67	70	71	72	72	74	74
	10	49	57	68	71	76	81	85	88	89	90	91	92
-1	7.5	50	60	75	79	87	96	103	109	113	114	119	123
	10	56	67	85	89	99	111	119	127	131	134	140	145
0	7.5	58	72	96	103	117	137	154	172	179	187	203	217
	10	63	78	105	112	128	149	169	187	196	204	221	236
1	7.5	64	81	113	121	142	169	194	220	232	244	267	291
	10	69	87	121	130	151	180	207	233	246	258	284	308
2	7.5	70	89	125	136	159	192	115	95	92	90	86	85
	10	74	95	133	144	168	202	234	265	281	134	121	115

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

$$EU = \frac{Q_{\min}}{Q_{avr}} * (1 - 1.27 * CV)$$

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	82	96	118	123	133	145	154	161	164	167	172	176
-1	92	110	141	149	165	186	203	218	225	231	243	254
0	103	128	171	184	210	244	276	306	320	334	362	388
1	113	143	197	212	246	291	334	375	395	414	451	487
2	121	153	212	228	264	312	356	398	418	437	473	508

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

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Dripline Type: Hydrodrip Super: 16/10/1.6; 16/12/1.6; 16/15/1.6

Diameter: 16/16 (ND/ID mm)

Nominal Flow Rate: 1.6 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	43	50	59	61	65	69	72	74	75	75	77	78
	10	52	60	74	77	83	90	94	98	100	101	104	106
-1	7.5	49	59	75	79	87	97	104	111	114	117	122	125
	10	57	69	89	93	104	117	127	137	141	145	152	158
0	7.5	56	70	93	100	114	133	151	167	175	182	197	211
	10	64	79	106	113	129	151	170	189	198	206	223	240
1	7.5	62	78	108	117	136	162	187	211	223	234	257	279
	10	69	87	119	129	150	178	205	230	243	255	280	303
2	7.5	67	85	120	130	152	183	212	115	105	101	95	93
	10	73	93	131	141	165	198	229	260	275	289	318	166

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

$$EU = \frac{Q_{\min}}{Q_{avr}} * (1 - 1.27 * CV)$$

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	80	95	117	122	133	145	155	162	166	170	175	179
-1	89	107	138	146	162	183	200	216	223	230	242	253
0	100	123	166	177	203	237	268	297	311	324	351	376
1	109	137	189	203	236	280	321	360	379	398	434	468
2	115	146	203	218	253	300	343	384	403	422	457	492

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

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Emitter Type: Hydrodrip Super: 16/18/1.6

Dripline Diameter: 16/15.2 (ND/ID mm)

Nominal Flow Rate: 1.6 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	37	43	50	52	56	59	61	63	64	65	66	66
	10	44	51	62	64	69	75	79	82	83	84	86	88
-1	7.5	42	51	64	67	74	83	89	95	98	99	104	107
	10	49	59	75	79	88	99	107	115	119	122	128	133
0	7.5	48	60	80	85	98	114	129	143	149	156	168	181
	10	54	67	90	96	110	128	145	160	168	175	189	203
1	7.5	53	67	93	100	117	139	160	181	191	201	220	239
	10	59	74	102	110	127	151	174	196	206	217	238	258
2	7.5	57	73	103	112	131	157	182	96	89	85	81	79
	10	63	80	111	120	141	169	196	221	234	246	271	128

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	70	82	104	107	118	128	139	144	149	152	157	161
-1	77	93	119	126	141	159	177	188	194	202	214	221
0	85	106	142	151	173	202	229	253	266	277	300	321
1	93	117	160	172	200	237	272	305	321	336	367	396
2	70	82	104	107	118	128	139	144	149	152	157	161

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

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Emitter Type: Hydrodrip Super: 16/25/1.6

Dripline Diameter: 16/15.2 (ND/ID mm)

Nominal Flow Rate: 1.6 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	38	45	53	55	59	64	66	69	69	70	71	73
	10	46	54	66	69	74	81	86	90	92	93	95	98
-1	7.5	43	52	66	70	77	86	94	99	103	105	110	114
	10	50	61	78	83	92	104	113	122	126	130	136	142
0	7.5	49	61	81	87	99	115	130	144	152	158	171	183
	10	55	68	92	98	112	131	148	164	171	179	194	207
1	7.5	53	67	93	100	116	139	160	180	190	199	219	237
	10	59	75	103	111	128	153	175	197	208	218	239	259
2	7.5	57	73	102	111	130	156	181	205	217	110	97	92
	10	63	80	112	121	141	169	196	221	233	246	270	294

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	71	85	105	110	120	132	142	149	153	156	161	166
-1	79	95	122	129	144	163	179	193	200	206	218	228
0	87	108	144	154	176	206	233	258	270	282	305	327
1	94	119	163	176	203	241	276	310	326	342	373	403
2	100	126	175	188	219	259	296	332	349	365	397	427

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

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Emitter Type: Hydrodrip Super: 16/18/2.3

Dripline Diameter: 16/15.2 (ND/ID mm)

Nominal Flow Rate: 2.3 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	31	37	45	47	50	55	58	60	61	62	64	65
	10	36	43	53	56	61	67	72	76	77	78	81	84
-1	7.5	35	42	53	56	63	71	77	83	86	88	92	96
	10	40	48	62	65	73	83	91	99	102	105	111	116
0	7.5	38	47	63	68	78	91	102	113	119	124	134	143
	10	43	53	71	76	87	102	115	127	133	139	150	161
1	7.5	41	52	72	77	90	107	122	138	146	153	167	181
	10	46	58	79	85	98	117	134	151	158	166	182	197
2	7.5	44	56	78	85	99	119	137	155	165	174	191	107
	10	48	61	85	92	107	128	148	167	177	186	204	223

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	49	58	72	76	82	91	97	103	105	107	112	115
-1	53	65	83	88	99	112	123	133	137	142	149	157
0	59	70	97	104	119	139	157	174	182	190	205	220
1	61	79	106	116	135	156	181	206	217	227	248	268
2	66	81	116	121	141	173	198	223	234	242	267	288

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

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Emitter Type: Hydrodrip Super: 16/25/2.3

Dripline Diameter: 16/15.2 (ND/ID mm)

Nominal Flow Rate: 2.4 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	30	36	43	45	49	53	56	58	59	60	62	63
	10	35	42	52	55	59	65	70	74	75	77	79	81
-1	7.5	34	41	52	55	61	69	75	81	83	86	89	93
	10	38	46	60	63	71	81	88	96	99	102	108	113
0	7.5	37	46	62	66	75	88	99	110	115	120	130	139
	10	41	51	69	74	84	98	111	123	129	134	145	156
1	7.5	40	50	69	75	87	103	118	133	140	148	162	175
	10	44	56	76	82	95	113	129	145	153	161	176	190
2	7.5	43	54	76	82	96	115	133	151	159	167	185	201
	10	47	59	82	89	104	124	143	162	171	180	198	215

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	47	56	70	74	80	89	95	100	103	105	109	112
-1	52	63	81	86	96	109	119	129	134	138	146	153
0	57	70	94	100	115	134	151	168	176	184	199	213
1	60	77	104	113	131	151	177	199	209	220	239	252
2	62	80	109	118	140	167	192	211	227	238	258	279

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

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Emitter Type: Hydrodrip Super: 16/18/3.6

Dripline Diameter: 16/15.2 (ND/ID mm)

Nominal Flow Rate: 3.7 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	25	29	37	39	42	47	50	53	55	55	58	59
	10	28	34	43	46	50	56	61	65	67	69	72	74
-1	7.5	27	32	42	45	50	57	62	68	70	72	77	80
	10	30	37	48	51	58	66	73	79	83	85	90	95
0	7.5	29	35	47	51	58	68	77	85	89	93	100	108
	10	32	40	53	57	65	76	86	95	100	104	113	121
1	7.5	31	38	52	56	65	77	88	99	104	110	120	130
	10	34	42	58	62	72	85	97	109	115	120	131	142
2	7.5	32	40	56	61	71	85	98	111	116	122	135	146
	10	35	44	62	66	77	92	106	120	126	133	145	158

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	38	46	58	61	68	76	82	88	91	93	97	101
-1	41	50	65	69	78	89	98	106	110	114	122	128
0	44	54	73	78	89	104	118	130	137	142	154	165
1	45	58	77	83	98	117	133	150	153	162	179	194
2	47	60	84	91	102	125	144	162	170	178	194	210

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

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Emitter Type: Hydrodrip Super: 16/25/3.6

Dripline Diameter: 16/15.2 (ND/ID mm)

Nominal Flow Rate: 3.8 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	24	29	36	38	41	46	49	52	53	54	56	58
	10	28	33	42	45	49	55	59	64	65	66	69	72
-1	7.5	26	32	41	44	49	55	61	66	68	70	75	78
	10	29	36	47	50	56	64	71	77	80	83	88	93
0	7.5	28	35	47	50	57	66	75	83	87	90	98	105
	10	31	39	52	56	64	75	84	93	98	102	110	118
1	7.5	30	37	51	55	64	76	86	97	103	107	118	127
	10	33	41	56	61	70	83	95	106	112	118	129	139
2	7.5	31	40	55	59	69	83	95	108	114	120	132	143
	10	34	43	60	65	76	90	104	117	123	130	142	154

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	37	45	57	60	66	74	80	86	89	90	95	99
-1	40	49	64	67	76	87	96	104	108	112	119	125
0	43	53	71	76	87	102	115	127	134	139	150	161
1	45	57	76	83	96	114	131	146	152	161	176	190
2	46	60	83	89	101	123	141	158	167	174	191	206

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

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Emitter Type: Hydrodrip Super: 20/18/1.2

Dripline Diameter: 20/17.6 (ND/ID mm)

Nominal Flow Rate: 1.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	54	60	68	69	72	74	76	77	77	78	78	79
	10	66	76	88	90	95	100	103	105	107	107	108	109
-1	7.5	67	78	95	99	107	117	124	129	131	134	137	140
	10	78	93	115	121	132	146	156	165	169	172	178	184
0	7.5	81	99	132	141	161	187	211	235	245	256	276	296
	10	91	113	150	160	182	212	239	265	278	290	313	335
1	7.5	92	117	161	174	203	243	280	317	335	352	387	421
	10	102	129	177	191	222	264	304	344	362	381	418	454
2	7.5	101	130	183	198	112	93	89	86	86	85	84	84
	10	111	141	197	214	250	300	149	134	131	128	125	123

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	105	121	143	149	158	169	177	183	185	187	191	194
-1	122	145	182	191	210	233	251	267	275	282	293	304
0	144	177	236	252	287	334	377	418	437	456	493	528
1	162	203	279	300	348	411	470	526	554	580	631	680
2	173	218	299	321	370	404	493	508	533	555	598	638

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

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Emitter Type: Hydrodrip Super: 20/25/1.2

Dripline Diameter: 20/17.6 (ND/ID mm)

Nominal Flow Rate: 1.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	52	58	65	67	69	72	74	75	75	75	77	77
	10	63	72	84	87	92	97	100	102	103	104	105	106
-1	7.5	63	74	91	94	102	112	118	124	126	129	132	135
	10	74	88	110	115	126	139	149	158	162	165	171	177
0	7.5	76	93	124	133	151	176	199	220	230	240	259	278
	10	86	106	141	150	172	200	225	249	261	272	294	315
1	7.5	86	109	151	163	190	227	262	295	312	329	361	392
	10	96	120	166	179	207	247	284	321	338	355	390	423
2	7.5	95	121	170	185	216	251	288	325	342	359	393	426
	10	103	131	184	199	233	280	319	357	374	391	424	457

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	100	116	138	143	153	164	172	178	180	182	186	189
-1	116	138	173	182	200	222	241	257	264	270	283	293
0	135	167	222	237	270	315	355	393	412	430	464	497
1	152	191	262	282	326	385	441	494	520	544	592	638
2	162	205	281	302	348	409	464	515	501	523	564	602

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irigationglobal.com
design department

Emitter Type: Hydrodrip Super: 20/18/1.6

Dripline Diameter: 20/17.6 (ND/ID mm)

Nominal Flow Rate: 1.6 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	44	50	57	58	61	64	65	67	67	67	68	68
	10	53	61	72	74	78	83	86	88	89	90	91	92
-1	7.5	54	63	78	82	88	97	103	109	110	113	116	119
	10	62	74	92	97	106	118	127	134	138	141	147	151
0	7.5	64	79	105	112	128	148	167	186	194	202	219	234
	10	71	88	117	125	143	166	188	208	218	227	245	263
1	7.5	72	91	126	136	158	189	218	246	260	273	300	326
	10	79	100	137	148	172	204	235	265	280	294	322	350
2	7.5	79	101	142	153	180	90	81	78	77	76	75	74
	10	86	109	152	165	193	231	268	123	117	114	110	107

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	86	100	121	126	137	149	154	162	165	165	172	175
-1	98	118	149	156	173	193	211	225	231	242	253	259
0	113	139	185	198	226	263	296	328	344	359	388	415
1	125	157	215	231	268	317	363	407	428	449	489	527
2	133	168	232	249	288	339	386	430	452	472	510	547

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irrigationglobal.com
design department

Emitter Type: Hydrodrip Super: 20/25/1.6

Dripline Diameter: 20/17.6 (ND/ID mm)

Nominal Flow Rate: 1.6 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	47	54	62	64	67	71	73	74	75	75	77	77
	10	57	66	79	82	87	93	97	100	101	102	104	106
-1	7.5	56	66	82	86	94	104	111	117	120	122	126	130
	10	65	78	98	103	114	127	137	146	151	154	161	167
0	7.5	65	80	107	114	130	152	171	189	198	206	223	239
	10	74	91	121	129	148	172	194	214	224	234	253	271
1	7.5	73	92	127	136	159	189	218	246	260	273	300	325
	10	81	102	140	150	174	207	238	268	283	297	325	353
2	7.5	79	101	141	153	179	216	251	283	301	316	347	377
	10	87	110	154	166	194	232	269	305	322	338	374	407

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	90	105	127	132	142	154	163	170	173	176	180	184
-1	101	121	154	162	179	201	218	235	242	248	260	271
0	116	143	190	203	232	270	305	337	353	369	399	427
1	128	161	220	237	274	325	372	417	438	459	500	540
2	137	172	237	255	294	347	395	440	462	482	522	521

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irrigationglobal.com
design department

Emitter Type: Hydrodrip Super: 20/18/2.3

Dripline Diameter: 20/17.6 (ND/ID mm)

Nominal Flow Rate: 2.3 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	39	45	53	55	58	62	64	66	67	67	68	70
	10	46	53	65	67	72	78	82	85	87	88	90	92
-1	7.5	45	53	67	70	77	86	92	99	101	103	108	111
	10	51	62	78	83	92	103	112	120	123	126	132	138
0	7.5	51	63	84	89	102	119	134	148	155	162	176	188
	10	57	70	94	100	114	133	151	167	174	182	196	210
1	7.5	56	71	98	105	122	145	167	188	198	209	229	248
	10	62	78	107	115	133	158	181	204	215	226	248	268
2	7.5	61	77	108	117	137	164	190	202	94	90	86	83
	10	66	84	117	126	147	176	204	231	244	257	283	138

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	62	72	87	91	98	106	112	117	119	121	124	127
-1	69	83	105	111	123	138	150	161	166	170	179	186
0	76	96	128	133	156	177	205	228	238	242	267	287
1	83	104	143	153	181	210	241	278	292	306	324	352
2	88	111	154	166	197	229	266	298	313	327	355	381

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irigationglobal.com
design department

Emitter Type: Hydrodrip Super: 20/25/2.3

Dripline Diameter: 20/17.6 (ND/ID mm)

Nominal Flow Rate: 2.7 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	34	40	47	49	52	55	57	59	60	61	61	62
	10	41	47	57	59	64	69	73	76	77	78	80	82
-1	7.5	40	47	59	62	68	76	82	88	90	92	96	99
	10	45	54	69	73	81	91	99	106	109	112	118	122
0	7.5	45	55	74	79	90	105	118	131	137	142	154	165
	10	50	62	83	88	101	117	132	146	153	160	173	185
1	7.5	50	62	86	92	107	127	146	165	174	183	201	218
	10	55	68	94	101	117	139	159	179	188	198	217	235
2	7.5	53	68	95	102	120	144	167	99	83	78	75	
	10	58	74	102	111	129	155	179	202	214	225	248	128

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	55	64	78	81	88	96	101	106	108	110	113	115
-1	61	74	94	99	110	123	134	144	149	153	160	168
0	68	85	113	121	138	160	180	201	210	219	237	253
1	75	91	129	134	160	190	211	244	257	269	293	317
2	77	100	136	149	173	201	235	263	275	288	313	336

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irrigationglobal.com
design department

Emitter Type: Hydrodrip Super: 20/18/3.6

Dripline Diameter: 20/17.6 (ND/ID mm)

Nominal Flow Rate: 3.6 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	31	36	44	46	50	54	56	59	60	61	62	64
	10	36	43	53	55	60	66	71	74	76	78	80	82
-1	7.5	34	41	53	56	62	70	76	81	84	86	90	94
	10	39	47	61	65	72	82	89	97	100	103	109	114
0	7.5	38	47	63	67	76	89	100	111	116	122	131	140
	10	43	53	70	75	86	100	112	125	131	136	147	158
1	7.5	41	52	71	76	88	105	120	135	143	150	164	177
	10	46	57	78	84	97	115	131	147	155	163	178	193
2	7.5	44	56	77	84	98	117	135	153	161	170	187	204
	10	48	61	84	91	106	126	145	165	173	182	201	218

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	49	57	71	75	82	90	96	102	104	106	110	113
-1	53	64	83	87	97	110	121	130	135	139	147	154
0	58	70	96	100	117	136	151	170	179	186	201	215
1	61	79	106	115	133	153	179	202	212	222	243	255
2	66	81	115	120	141	170	195	218	227	241	262	282

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irrigationglobal.com
design department

Emitter Type: Hydrodrip Super: 20/25/3.6

Dripline Diameter: 20/17.6 (ND/ID mm)

Nominal Flow Rate: 4.0 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	29	34	41	43	46	50	53	55	56	57	59	60
	10	33	39	49	51	56	62	66	69	71	72	75	77
-1	7.5	32	38	49	52	57	65	70	76	78	80	84	88
	10	36	44	56	60	67	76	83	90	93	95	101	106
0	7.5	35	43	58	62	70	82	92	102	107	112	121	129
	10	39	48	65	69	79	92	103	115	120	125	135	145
1	7.5	38	48	65	70	81	96	110	124	131	137	150	163
	10	42	52	71	77	89	105	121	135	143	150	163	176
2	7.5	40	51	71	77	89	107	124	140	148	155	171	186
	10	44	56	77	83	97	116	133	151	159	167	184	199

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	45	53	66	70	76	84	90	95	98	99	104	107
-1	49	59	77	81	90	102	112	121	125	130	137	144
0	53	66	88	94	108	125	142	157	164	171	185	198
1	58	70	98	106	121	145	165	185	189	202	222	240
2	60	77	105	114	132	153	179	200	211	221	240	259

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irrigationglobal.com
design department

Dripline Type: Hydrodrip Super: 22/10/1.2; 22/12/1.2; 22/15/1.2

Diameter: 22/22.2 (ND/ID mm)

Nominal Flow Rate: 1.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	66	71	75	76	77	79	79	80	80	80	80	80
	10	85	93	102	103	106	109	110	111	112	112	113	113
-1	7.5	90	103	120	124	131	138	143	146	148	150	151	153
	10	109	126	152	157	168	181	190	196	199	202	205	209
0	7.5	122	150	200	213	243	282	319	353	369	386	417	446
	10	138	170	226	241	275	320	361	400	419	437	472	506
1	7.5	146	186	260	282	330	396	239	195	189	184	178	175
	10	161	204	283	306	357	427	494	559	590	622	309	280
2	7.5	164	212	90	88	86	84	83	83	83	82	82	82
	10	178	228	322	147	132	125	121	120	119	118	118	118

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

$$EU = \frac{Q_{min}}{Q_{avr}} * (1 - 1.27 * CV)$$

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	137	153	174	178	185	193	197	200	202	202	204	206
-1	170	199	242	253	274	298	316	330	337	342	353	361
0	217	267	355	380	432	503	568	629	659	687	743	796
1	253	320	439	472	546	644	733	818	858	834	904	970
2	271	341	429	494	524	607	680	744	773	801	850	891

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irigationglobal.com
design department

Emitter Type: Hydrodrip Super: 22/18/1.2

Dripline Diameter: 22/22.2 (ND/ID mm)

Nominal Flow Rate: 1.2 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	60	64	68	68	69	70	70	71	71	71	71	71
	10	76	83	89	91	93	95	96	97	97	97	97	98
-1	7.5	84	95	110	114	119	125	129	132	133	134	136	137
	10	100	116	137	142	151	161	168	174	176	178	181	183
0	7.5	116	143	190	203	231	269	303	336	352	366	396	424
	10	130	160	213	227	259	301	340	377	395	411	445	476
1	7.5	141	179	251	272	318	383	478	565	616	658	715	753
	10	153	194	271	293	342	410	475	537	586	626	693	726
2	7.5	159	98	78	77	75	74	73	73	73	73	73	73
	10	170	219	122	116	109	105	103	102	102	102	101	101

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	129	144	166	166	175	180	186	189	189	191	193	193
-1	161	188	229	238	257	279	301	316	315	322	329	342
0	205	252	336	358	409	476	538	595	623	650	702	752
1	239	302	415	446	516	609	695	775	813	849	922	987
2	256	323	437	468	535	620	696	763	794	822	876	923

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irigationglobal.com
design department

Dripline Type: Hydrodrip Super: 22/10/1.6; 22/12/1.6; 22/15/1.6

Diameter: 22/22.2 (ND/ID mm)

Nominal Flow Rate: 1.6 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	62	68	74	75	77	79	80	81	81	82	82	82
	10	78	87	98	101	104	109	110	113	113	114	114	115
-1	7.5	80	93	111	116	123	132	138	143	145	146	149	152
	10	95	112	137	143	155	169	179	188	191	194	200	204
0	7.5	102	126	167	179	204	237	268	297	311	324	350	375
	10	116	142	190	203	231	269	304	336	352	367	397	425
1	7.5	120	152	211	228	266	319	370	419	443	466	209	196
	10	132	166	231	249	290	346	400	452	477	502	551	599
2	7.5	133	170	112	101	93	89	87	86	86	86	86	85
	10	144	184	260	281	330	140	131	127	126	126	124	123

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Emission Uniformity (EU) -90%

(Working pressure - 1.2 bar)

$$EU = \frac{Q_{\min}}{Q_{avr}} * (1 - 1.27 * CV)$$

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	124	141	163	168	177	186	193	197	199	201	203	205
-1	148	175	216	227	247	272	291	307	314	321	332	342
0	181	223	298	318	362	422	476	528	552	576	623	667
1	208	262	360	387	448	530	606	677	711	744	808	869
2	223	281	383	411	439	513	578	638	665	692	742	787

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irrigationglobal.com
design department

Emitter Type: Hydrodrip Super: 22/18/1.6

Dripline Diameter: 22/22.2 (ND/ID mm)

Nominal Flow Rate: 1.6 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	55	60	65	65	67	68	68	69	70	70	70	70
	10	69	76	84	86	89	91	93	94	95	94	95	96
-1	7.5	73	84	100	103	110	117	121	125	127	128	130	132
	10	86	101	122	127	136	148	155	162	164	166	170	174
0	7.5	96	118	157	167	190	222	250	277	290	302	327	350
	10	107	132	175	187	214	249	280	311	326	339	366	393
1	7.5	113	144	200	217	254	304	352	222	185	174	164	159
	10	123	156	217	234	273	327	377	427	452	475	522	272
2	7.5	126	162	84	81	77	75	73	73	72	72	72	72
	10	136	174	246	266	118	109	105	103	102	102	101	100

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	114	129	151	153	161	173	179	182	184	185	187	189
-1	138	162	200	210	228	251	271	282	293	294	310	313
0	169	208	277	296	338	393	443	491	514	537	580	621
1	194	244	336	361	418	495	566	632	664	695	754	811
2	208	262	358	384	440	514	580	641	669	694	745	791

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irrigationglobal.com
design department

Emitter Type: Hydrodrip Super: 22/18/2.3

Dripline Diameter: 22/22.2 (ND/ID mm)

Nominal Flow Rate: 2.3 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	50	55	62	63	65	67	68	69	70	70	71	71
	10	60	68	79	81	84	89	91	93	94	94	95	96
-1	7.5	62	72	88	91	99	107	113	118	120	122	125	127
	10	72	85	105	110	120	132	141	148	152	154	160	164
0	7.5	76	93	124	133	151	176	199	220	230	240	259	278
	10	85	104	139	149	170	197	223	246	258	270	291	312
1	7.5	87	110	153	165	192	230	266	300	317	334	368	400
	10	95	120	166	179	208	248	286	323	341	358	394	428
2	7.5	96	123	173	188	222	262	299	337	355	373	411	448
	10	104	132	186	201	236	286	323	361	379	397	435	472

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	81	92	107	110	116	123	127	130	131	132	134	135
-1	96	114	142	149	162	178	191	202	207	211	219	225
0	113	140	185	199	225	270	301	337	343	362	398	426
1	127	160	220	237	275	326	373	421	451	474	516	552
2	136	172	241	263	302	355	402	445	465	470	505	535

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

Hydrodrip Super

Flat integral dripline

irrigationglobal.com
design department

Emitter Type: Hydrodrip Super: 22/18/3.6

Dripline Diameter: 22/22.2 (ND/ID mm)

Nominal Flow Rate: 3.7 lph

Working Pressure: 1.0 bar

Maximum Recommended Dripline Length (m)

Slope (%) *	Max. Flow rate Difference (%) **	Spacing Between Emitters (cm)											
		15	20	30	33	40	50	60	70	75	80	90	100
-2	7.5	42	48	56	57	60	64	65	67	68	69	69	70
	10	50	57	68	71	76	81	85	88	89	90	92	94
-1	7.5	49	58	72	76	83	92	98	104	107	109	113	117
	10	56	67	85	89	99	110	119	127	131	134	140	146
0	7.5	57	70	93	99	114	132	149	165	173	180	194	209
	10	64	78	104	112	127	148	167	186	194	202	219	234
1	7.5	63	80	110	119	138	164	189	214	225	237	259	175
	10	70	87	120	129	150	178	205	231	243	256	280	304
2	7.5	68	87	122	132	155	187	200	232	263	278	83	82
	10	74	95	132	143	167	200	232	263	278	145	126	120

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)

** Maximum Allowable Flow Rate Variation along the Same Lateral.

Slope (%) *	Spacing Between Emitters (cm)											
	15	20	30	33	40	50	60	70	75	80	90	100
-2	67	77	93	96	103	111	116	121	123	125	128	130
-1	75	91	114	121	133	149	161	172	177	182	190	198
0	84	104	138	149	174	201	229	246	263	277	299	320
1	93	117	160	172	201	236	271	313	329	335	365	402
2	99	125	173	186	221	262	299	333	350	366	396	424

* Slopes: - Flat Terrain (0) ; Downhill (1,2);Uphill(-1,-2)