

CYLINDRICAL STANDARD DRIPPERS

Cylindrical drippers	Models (ISO 9261)				
	16			20	
	1.6 L	2.2 L	4 L	2.2 L	4 L
Thickness in mm	1.0			1.2	
Inner diameter in mm	13.6			17.0	
Normal flow in L/h	1.6	2.2	4.0	2.2	4.0
Operation range in bars	1.0 to 4.0				
Filtration type	less than 130 microns				

Data shown for use at a maximum pressure of 2.5 bars

Models	Variation flow in %	Dripper spacing in metres									
		0.25	0.3	0.4	0.5	0.6	0.75	1	1.25	1.5	
		Line length in metres									
16	1.6 L	5.0	45	52	64	78	88	105	125	150	168
		10.0	58	68	84	100	114	135	164	192	215
		15.0	68	78	98	116	133	156	191	224	250
	2.2 L	5.0	38	45	56	66	75	88	107	125	142
		10.0	50	59	72	86	99	115	141	165	186
		15.0	59	68	85	101	116	136	166	193	219
	4 L	5.0	27	30	39	45	52	61	75	87	98
		10.0	35	40	50	59	68	80	98	114	130
		15.0	40	47	59	70	80	94	115	133	153
20	2.2 L	5.0	54	64	80	94	107	126	153	179	203
		10.0	73	84	105	124	142	166	202	237	268
		15.0	85	98	122	148	165	190	237	275	315
	4 L	5.0	43	50	62	73	86	98	120	142	166
		10.0	55	64	80	95	110	128	155	182	206
		15.0	64	75	93	110	127	149	182	213	241

PROS FLAT STANDARD DRIPPERS

PROS flat dripper	Ø 16				Ø 20			
	Models (ISO 9261)							
	1 L	1.6 L	2.2 L	4 L	1 L	1.6 L	2.2 L	4 L
Nominal thickness in mm	0.75	0.90	0.90	1.00	0.90	0.90	1.00	1.00
Nominal flow L/h	0.97	1.55	2.15	4.00	0.97	1.55	2.15	4.00
Inner diameter in mm	13.70				17.20			
Maximum pressure in bars	2.50	3.00	3.00	3.50	3.00	3.00	3.50	3.50

Pressure in bars	Models			
	1 L	1.6 L	2.2 L	4 L
0.5	0.69	1.10	1.50	2.85
1	0.97	1.55	2.15	4.00
1.5	1.18	1.90	2.60	4.90
2	1.36	2.20	3.00	5.60
2.5	1.52	2.40	3.40	6.30

Model		Dripper spacing in metres										
		0.2	0.25	0.3	0.33	0.4	0.5	0.6	0.75	1	1.25	1.5
		Branch length in metres										
16	1 L	84	98	110	119	130	160	175	195	245	260	290
	1.6 L	61	72	80	87	100	115	130	150	180	200	225
	2.2 L	50	59	66	71	75	84	96	120	145	160	183
	4 L	35	37	39	43	49	58	69	79	98	110	125
20	1 L	122	143	155	174	190	220	260	300	350	390	435
	1.6 L	89	104	120	127	140	165	185	213	257	295	330
	2.2 L	72	85	95	104	120	140	155	175	220	240	270
	4 L	50	59	65	71	80	95	105	125	150	160	180

Data shown for a null slope with an inlet pressure of 1 bar

CYLINDRICAL COMPENSATING DRIPPERS

Cylindrical drippers compensating	Models				
	16			20	
	1.6 L	2.2 L	4 L	2.3 L	4 L
Thickness in mm	0.9 to 1.0			1.2	
Inner diameter in mm	13.6			17.0	
Normal flow in L/h	1.6	2.2	4.0	2.3	4.0
Operation range in bars	1.0 to 4.0				
Filtration type	less than 130 microns				

Pressure in bars	Flow in L/h				
	16			20	
	1.6 L	2.2 L	4 L	2.3 L	4 L
1.0	1.6	2.2	4.0	2.2	4.0
2.0	1.7	2.2	4.0	2.3	3.9
3.0	1.7	2.2	4.0	2.3	3.9
4.0	1.7	2.1	4.2	2.4	3.8

Models		Inlet pressure in bars	Dripper spacing in metres								
			0.2	0.3	0.5	0.6	0.75	1	1.25	1.5	2
			Line length in metres								
16	1.6 L	2.0	80	110	160	190	220	275	320	360	430
		3.0	100	140	210	240	280	350	400	460	560
		4.0	115	160	240	275	325	400	465	530	650
	2.2 L	2.0	61	87	131	152	179	228	262	300	365
		3.0	78	110	167	193	229	287	335	375	465
		4.0	89	127	192	223	264	326	385	440	540
	4 L	2.0	42	59	89	102	122	151	178	203	248
		3.0	53	75	113	131	155	192	226	257	320
		4.0	60	86	130	152	178	221	261	296	362
20	2.3 L	2.0	95	134	198	228	265	325	382	420	520
		3.0	124	171	250	292	340	415	490	550	675
		4.0	141	197	292	335	391	480	562	640	780
	4 L	2.0	70	96	143	165	193	235	277	314	380
		3.0	88	123	182	209	246	302	352	401	489
		4.0	101	141	210	247	284	349	406	462	566

