



ONLINE DRIPPERS
KATIF PC ONLINE DRIPPER

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APPLICATIONS

- Fruit crops
- Olive trees
- Greenhouses
- Row crops
- Field crops

FEATURES

- Long life
- Easy connection
- Can be removed from the pipe easily when needed
- Wide filtration area
- Low profile, constant flow
- Wide water passage section to prevent clogging
- Self-cleaning mechanism
- Injected dripper with compact design
- Very low CV value
- UV resistant
- Resistant to chemicals and fertilizers used in agriculture

TECHNICAL DATA

Nominal flow rate:

Black : 2,30 lph

Red : 3,75 lph

Green : 8,40 lph

Pressure compensating range:

0,5 - 3,0 bar

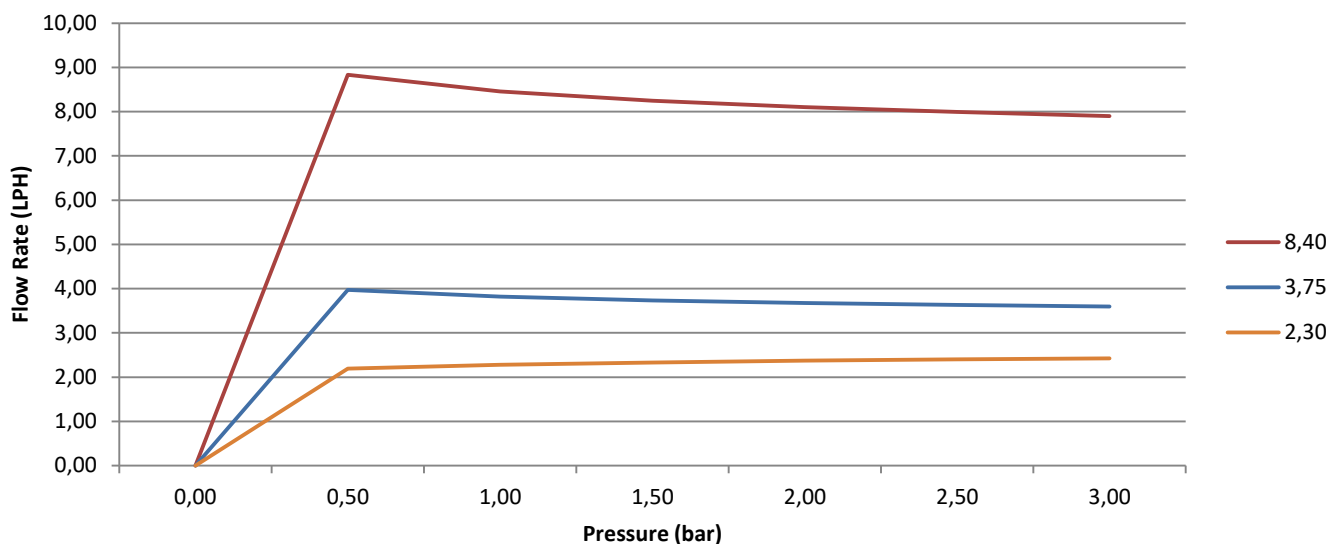
Related standards:

ISO 9261 Agricultural irrigation equipment -- Emitters and emitting pipe -- Specifications and test methods

DRIPPER TYPES

Nominal flow rate <i>lph</i>	2,00	4,00	8,00
Average flow rate <i>lph (0,5-3,0 bar)</i>	2,30	3,75	8,40
Flow constant <i>k</i>	2,28	3,82	8,46
Flow exponent <i>x (*)</i>	0,056	-0,055	-0,062
Flow equation $Q = kP^x$	$2,28 P^{0,056}$	$3,82 P^{-0,055}$	$8,46 P^{-0,062}$
Average CV <i>% (0,5-3,0 bar)</i>	4,63	3,81	5,98
Average flow variation <i>% (0,5-3,0 bar)</i>	1,78	1,52	1,83
Required filtration <i>micron/mesh</i>	125/120	125/120	125/120

FLOW RATE VS. PRESSURE



Nominal flow rate <i>lph</i>	Pressure <i>bar</i>						
	0,0	0,5	1,0	1,5	2,0	2,5	3,0
2,30	0,00	2,19	2,28	2,33	2,37	2,40	2,42
3,75	0,00	3,97	3,82	3,74	3,68	3,63	3,60
8,40	0,00	8,83	8,46	8,25	8,10	7,99	7,90

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TECHNICAL SPECIFICATIONS

Product code	Flow rate	Box quantity	Box weight
002 ONC D04 000 000	2,30 lph	10000	3,4 kg
004 ONC D04 000 000	3,75 lph	10000	3,4 kg
008 ONC D04 000 000	8,40 lph	10000	3,4 kg

MAX RECOMMENDED LATERAL LENGTH (M)

Nozzle color Flow rate lph	Dripper spacing cm	ID 13,8 mm Inlet pressure bar			ID 17,5 mm Inlet pressure bar		
		1	2	3	1	2	3
Black 2,30	33	49	91	110	86	162	197
	50	70	129	156	117	223	271
	75	95	178	216	158	299	365
	100	117	222	270	193	366	448
	125	138	263	320	225	428	523
Red 3,75	50	50	93	111	86	162	193
	75	69	129	154	114	218	260
	100	86	161	192	140	268	320
	125	102	191	228	163	312	374
Green 8,40	50	30	57	70	51	95	118
	75	41	78	97	68	128	159
	100	51	97	120	83	157	195
	125	60	114	141	96	184	229
	150	69	131	162	110	209	260



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