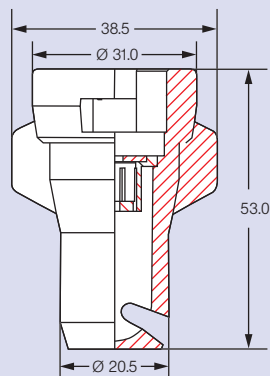


Liquid fertilizer nozzles FD

PATENTED
NEW

Spray angle: 130°
Material: POM



Features

- Flat spray nozzle with horizontal jet formation
- Nozzle sizes 03, 04, 05, 06, 08, 10, 15, 20
- Pressure range: 1.5 to 4.0 bar
- Hard wearing and corrosion resistant material
- Nozzle and cap one piece, fits to standard nozzle holder system MULTIJET
- ISO colour coded for easy identification
- Intermediate- and extension adaptor see page 43
- Height of spray boom: 50 – 70 cm at 50 cm nozzle spacing

Range of application

- Liquid fertilizer
- Irrigation
- Watering car
- Turfgrass spraying

Nozzle Type (60 M)	Pressure [bar]	l/min		I UAN/ha (0.5m)				
		Water	UAN	6.0 km/h	8.0 km/h	10.0 km/h	14.0 km/h	18.0 km/h
FD 03 (60 M)	1.5	0,85	0,75	150	113	90	64	50
	2.0	0,98	0,86	172	129	103	74	57
	3.0	1,20	1,06	212	159	127	91	71
	4.0	1,39	1,22	244	183	146	105	81
FD 04 (60 M)	1.5	1.13	1.00	200	150	120	86	67
	2.0	1.31	1.15	230	173	138	99	77
	3.0	1.60	1.41	282	211	169	121	94
	4.0	1.85	1.63	326	245	196	140	109
FD 05 (25 M)	1.5	1.41	1.24	248	186	149	106	83
	2.0	1.63	1.44	288	216	173	123	96
	3.0	2.00	1.76	352	264	211	151	117
	4.0	2.31	2.03	406	305	244	174	135
FD 06 (25 M)	1.5	1.70	1.49	298	224	179	128	99
	2.0	1.96	1.72	344	258	206	147	115
	3.0	2.40	2.11	422	317	253	181	141
	4.0	2.77	2.44	488	366	293	209	163
FD 08 (25 M)	1.5	2.26	1.99	398	299	239	171	133
	2.0	2.61	2.30	460	345	276	197	153
	3.0	3.20	2.82	563	422	338	241	188
	4.0	3.70	3.25	650	488	390	279	217
FD 10 (25 M)	1.5	2.83	2.49	498	374	299	214	166
	2.0	3.27	2.88	576	432	345	246	192
	3.0	4.00	3.52	704	528	422	302	235
	4.0	4.62	4.07	813	610	488	348	271
FD 15 (25 M)	1.5	4.24	3.73	746	560	448	319	249
	2.0	4.90	4.31	862	647	517	370	288
	3.0	6.00	5.28	1056	792	634	452	352
	4.0	6.93	6.10	1220	915	732	523	407
FD 20 (25 M)	1.5	5.66	4.98	996	747	598	427	332
	2.0	6.53	5.75	1149	862	690	493	383
	3.0	8.00	7.04	1408	1056	845	604	469
	4.0	9.24	8.13	1626	1220	976	697	542

Benefits of FD nozzles

- Extremely gentle application of fertilizer by horizontal jet formation
- Danger of crop scorch reduced to a minimum by extreme coarse droplets
- Optimised cross distribution across the spray boom according to JKI requirements for flat spray nozzles
- No streaking anymore in the crop
- Considerable less clogging than multi orifice-nozzles
- Fits to all current boom types as the nozzle tip is placed distinct lower
- Toolless removal of dosing orifice for cleaning purpose

- Spray pressure at the nozzle tip (gauged with a diaphragm valve)
- The stated liter-per-hectare rates apply to UAN (28/1.28 kg/l)
- Nozzle spacing 0.5 m
- Prior to each spraying season, verify the table data by gauging the flow rates
- Make sure that all nozzles have the same settings

Conversion factors and formula see page 57

Sample order

Type + int'l nozzle size + material = order number
FD 06 (POM) = FD 06