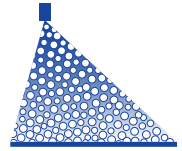




Air injector off center spray nozzles

IS 80



Crop production

Ground care

- Air-aspirating off center nozzle for border application and banding
- Extremely low-drift

Advantages

- 90 % drift reduction for band spraying with IS 80-03
- Same JKI drift reduction class in combination with ID/IDTA nozzles in the field spray boom
- Volume flow adapted for optimum cross distribution in combination with ID/IDTA nozzles of the same size
- Asymmetrical spray pattern (20°/60° to axis)
- Precise edge application along water courses and field boundaries
- Optimum protection of neighboring crops (field border application) or row/special cultures (herbicide underleaf spraying/banding)
- Suitable for PWM

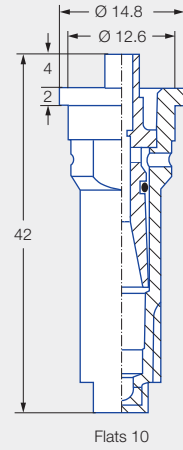


Series IS 80

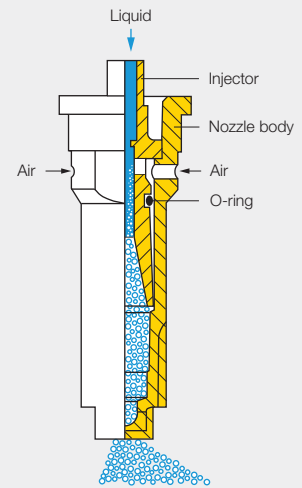


Injector can be removed without tools

Dimensions in mm.



Flats 10



JKI approval as loss-reducing:
90/75/50 %

G 1753, G 1754, G 1755, G 1999, G 2000, G 2087

JKI approval with ID/IDTA nozzles of the same size.



Current list at:
www.lechler.com/de-en/service/loss-reducing

Application:



Border nozzle



Band spraying in orchards and vineyards



Vertical boom



Spray frame

Technical data:



Nozzle sizes
02-06



Spray angle
80°



Material
POM



Pressure ranges

- Field sprayer/ underleaf sprayer: 2-4-8 bar
- Vertical boom: 2-8-15 bar



Recommended strainers

- 60 M 02-04
- 25 M 05-06










Droplet sizes
Ultra coarse - medium



Width across flats
10 mm

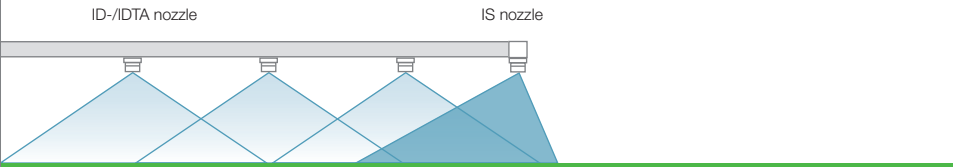


			[l/min]						
									
			2.0	3.0	4.0	5.0	6.0	7.0	8.0
	IS 80-02	60 M	0.49	0.60	0.69	0.77	0.84	0.91	0.97
	IS 80-025	60 M	0.70	0.86	0.90	1.13	1.24	1.34	1.43
	IS 80-03	60 M	0.86	1.05	1.21	1.35	1.48	1.60	1.71
	IS 80-04	60 M	1.11	1.36	1.57	1.75	1.92	2.07	2.21
	IS 80-05	25 M	1.23	1.51	1.74	1.95	2.14	2.31	2.47
	IS 80-06	25 M	1.36	1.67	1.93	2.16	2.37	2.56	2.73

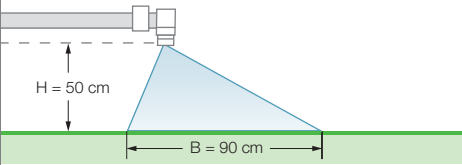
- The stated l/ha values apply to water
- Check the nozzles by gauging the flow rates prior to every spraying season
- Pressure measured at the nozzle

If necessary, please ask for additional information material on installation instructions for broadcast spraying A100 and banding in orchards and vineyards A200.

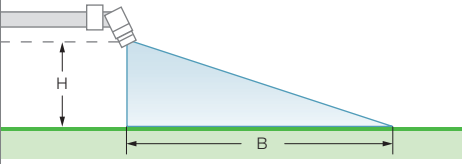
ID-/IDTA nozzle
IS nozzle



Precise border spraying

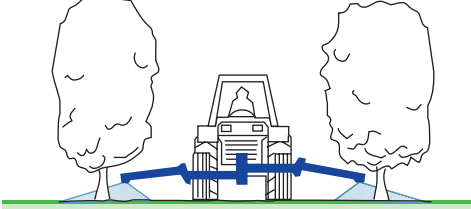


Spray dimensions




Accessories: swivel nozzle holders etc.
(see Page 128)

Band spraying in orchards and vineyards



Underleaf spraying in row crops



Ordering Series + Nozzle size + Material = Order no.
 example: IS 80 + 02 + (POM) = IS 80-02