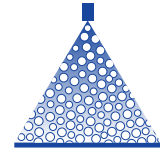




Compact air-injector flat spray nozzles

IDK 90



Crop production

- Air-aspirating flat spray nozzle
- Extremely low drift over the entire pressure range

Advantages

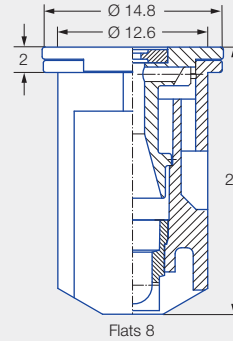
- 99/95/90/75/50 % drift reduction for: IDK 90-0067 C to -02 C
- Only 7 mm longer than TR hollow cone nozzle
- Large, clogging-resistant cross-sections
- Breakage-resistant nozzle housing with beveled edges and reinforced walls
- Suitable for PWM



IDK 90-01 C

75 % drift reduction in accordance with MABO dosage

Series IDK 90



JKI approval as loss-reducing:
99/95/90/75/50 %

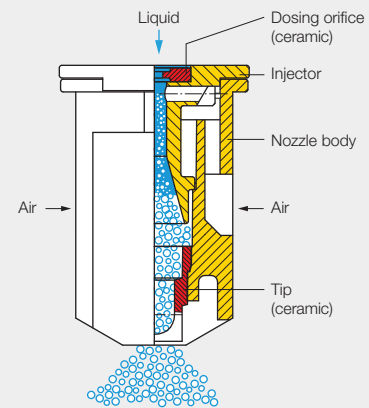
G 1834, G 1835, G 1886, G 1941



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



Injector can be removed without tools



Application:



Plant protection products and growth regulators



Plant protection in viticulture, orchard and specialty crops



Sensor control



Vertical boom



Spray frame

Technical data:



Nozzle sizes
0067-06



Spray angle
90°



Material
Ceramic



Pressure ranges
2-8-15-20 bar



Recommended strainers

- 60 M 0067-04
- 25 M 05-06



Droplet sizes
Extremely coarse - fine



Width across flats
8 mm

Good to know

You can find detailed information in our brochure "Viticulture, orchard and specialty crops" and at www.lechler-agri.com



| | | [l/min] | | | | | | | | | | | | | | | | | |
|--|-------------------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 19.0 | 20.0 |
| | IDK 90-0067 60 M | 0.22 | 0.27 | 0.31 | 0.35 | 0.38 | 0.41 | 0.44 | 0.47 | 0.49 | 0.52 | 0.54 | 0.56 | 0.58 | 0.60 | 0.62 | 0.64 | 0.68 | 0.70 |
| | IDK 90-01 60 M | 0.32 | 0.39 | 0.45 | 0.51 | 0.55 | 0.60 | 0.64 | 0.68 | 0.72 | 0.75 | 0.78 | 0.82 | 0.85 | 0.88 | 0.91 | 0.93 | 0.99 | 1.01 |
| | IDK 90-015 60 M | 0.48 | 0.59 | 0.68 | 0.76 | 0.83 | 0.90 | 0.96 | 1.02 | 1.07 | 1.13 | 1.18 | 1.22 | 1.27 | 1.31 | 1.36 | 1.40 | 1.48 | 1.52 |
| | IDK 90-02 60 M | 0.65 | 0.80 | 0.92 | 1.03 | 1.13 | 1.22 | 1.30 | 1.38 | 1.45 | 1.53 | 1.60 | 1.67 | 1.73 | 1.79 | 1.85 | 1.90 | 2.01 | 2.07 |
| | IDK 90-025 60 M | 0.81 | 0.99 | 1.15 | 1.28 | 1.40 | 1.52 | 1.62 | 1.71 | 1.81 | 1.90 | 1.98 | 2.06 | 2.14 | 2.21 | 2.29 | 2.36 | 2.49 | 2.56 |
| | IDK 90-03 60 M | 0.97 | 1.19 | 1.37 | 1.53 | 1.68 | 1.81 | 1.94 | 2.06 | 2.17 | 2.28 | 2.38 | 2.48 | 2.57 | 2.66 | 2.75 | 2.83 | 2.99 | 3.07 |
| | IDK 90-04 60 M | 1.29 | 1.58 | 1.82 | 2.04 | 2.23 | 2.41 | 2.58 | 2.74 | 2.88 | 3.03 | 3.16 | 3.29 | 3.41 | 3.53 | 3.65 | 3.76 | 3.98 | 4.08 |
| | IDK 90-05 25 M | 1.61 | 1.97 | 2.28 | 2.55 | 2.79 | 3.01 | 3.22 | 3.42 | 3.60 | 3.77 | 3.94 | 4.10 | 4.26 | 4.41 | 4.55 | 4.69 | 4.96 | 5.09 |
| | IDK 90-06 25 M | 1.93 | 2.36 | 2.73 | 3.05 | 3.34 | 3.61 | 3.86 | 4.09 | 4.32 | 4.52 | 4.72 | 4.91 | 5.10 | 5.28 | 5.45 | 5.62 | 5.94 | 6.09 |

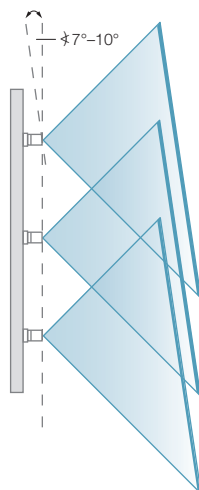
- The stated l/ha values apply to water
- Check the nozzles by gauging the flow rates prior to every spraying season
- Pressure measured at the nozzle

Assembly

Alignment of the flat jet spray jet of the IDK nozzles parallel to the air flow of the sprayer, use open-end wrench AF 8.

Nozzle assembly:

- With cup strainer, gasket 3.0 mm (Order no. **065.240.73.01.00**)
- Without cup strainer, gasket 5.0 mm (Order no. **095.015.6C.07.10**)



Nozzle calculator app

The apps for Lechler agricultural nozzles make selection and use of the optimum nozzle even easier. Find out more here: www.lechler.com/de-en/service/apps



Ordering Series + Nozzle size + Material = Order no.
example: IDK 90 + 02 + C (Ceramic) = IDK 90-02 C