



## **AGSZ 18-280 LBL**

## Cordless die grinder

Dust-resistant and powerful compact cordless die grinder with high plunge depth for effective cutting, sanding, deburring and milling work.

Product number: 7 123 02 61 09 0

#### Details

- > Guarantees the highest service life with the next generation of brushless FEIN PowerDrive motors. The completely closed motor housing protects the motor against aggressive ceramic and mineral dusts.
- > Ideal for any application. Optimal speeds, matched to many grinding media and materials thanks to infinitely variable electronic speed setting selection.
- > High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.
- Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- > Very smooth running and vibration-free operation through the standalone motor decoupled from the housing—and four additional vibration dampers.

- Extensive user protection through soft start, restart protection and electronic overload protection.
- > Innovative collets with wrap around collar for workpiece protection and to prevent the wrench slipping when changing tools.
- Low-fatigue working thanks to a slim grip, compact design and low weight with good balance.
- > Dust-protected, separate motor electronics in the grip area.
- > Flexibility with the FEIN MultiVolt interface. Tool can be used with all FEIN Li-ion batteries (12-18 V).
- > Well-lit work area thanks to the integrated LED lamps.
- > Longer, more narrow neck enables deep immersion in workpieces (e.g. grinding inside pipes).
- > Replaceable rubber neck bearing casing.



## Price includes

- 2 rechargeable batteries (Li-ion)
- 1 collet Ø 1/4 in [6 mm]
- Spanner SW17

- 1 rapid charger ALG 80
- Spanner size 3
- 1 tool case

### Product feature

- ✓ POWERtronic tacho electronics
- Self-start lock
- Electronic overload protection
- ✓ Soft-start
- Jam monitoring
- Electronic speed selection



## **Application**

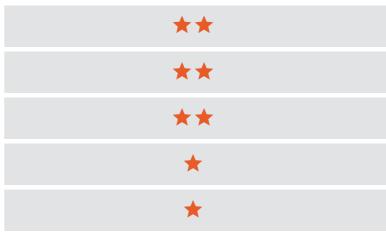
Cutting

Material removal

Grinding

Deburring

Cutting



★ suitable

★★ well suitable

## Technical data

## TECHNICAL DATA

Weight without battery

# VIBRATION AND SOUND EMISSION VALUES

| Battery voltage              | 18 V                            | Sound pressure level LpA Measurement uncertainty of the measured value KpA     | 85 dB<br>3 dB                                            |
|------------------------------|---------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------|
| Battery capacity             | 3 Ah                            | the measured value NPA                                                         |                                                          |
| Battery compatibility        | Li-ion / HighPower Li-<br>ions  | Sound power level LWA<br>Measurement uncertainty of<br>the measured value KWA  | 96 dB<br>3 dB                                            |
| Battery interface            | MultiVolt                       | Peak sound value LpCpeak Measurement uncertainty of the measured value KpCpeak | 98 dB                                                    |
| Motor                        | brushless                       |                                                                                | 3 dB                                                     |
| No load speed                | 9,000 - 28,000 rpm              | Vibration value 1 αhv 3-<br>way                                                | αh,SG (Ø 50mm) 12,0<br>m/s²                              |
|                              |                                 |                                                                                |                                                          |
| Grinding wheel for max.      | 2 [50] in[mm]                   | Vibration value 2 αhv 3-way                                                    | αh,SG (Ø 25mm) 5,0 m/s²                                  |
| Grinding wheel for max.<br>Ø | 2 [50] in[mm]                   | Measurement                                                                    | αh,SG (Ø 25mm) 5,0 m/s <sup>2</sup> 1,5 m/s <sup>2</sup> |
|                              | 2 [50] in[mm]<br>1/4 [8] in[mm] | •                                                                              |                                                          |
| Ø                            |                                 | Measurement uncertainty of the                                                 |                                                          |

3.53 [1.60] lbs[kg]



## Application examples

