



AGSZ 18-280 LBL AS

Cordless die grinder

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

Product number: 7 123 05 61 00 0

Details

- > Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- > Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- > Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1 100 W.
- > COOLPACK 2.0 technology delivers a 135% longer battery life and therefore makes longer operating times possible.
- > State-of-the-art cell technology and intelligent battery management deliver 87% more power than with conventional batteries.
- > ProCORE Li-Ion battery with high-power cells, charge status indicator and "Electronic Cell Protection" (ECP). ECP protects against overload, overheating and total discharge.
- > Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- > Extensive user protection features include soft start, restart protection and electronic overload protection.
- > Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- > Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- > Separate motor electronics with dust guard in handle area.
- > Compatible with all 18 V AMPShare ProCORE batteries and chargers for even more power and flexibility. Also suitable for 18 V Bosch Professional cordless devices.
- > Bright working area thanks to integrated LED light.
- > Long, narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- > Removable rubber collar bearing cover.

Price includes

- ✓ 1 collet Ø 6 mm
- ✓ Jaw spanner SW17
- ✓ Jaw spanner SW13
- ✓ 1 plastic tool case (L-BOXX 238)

Product feature

- ✓ POWERtronic tachometer electronics
- ✓ Restart protection
- ✓ Electronic overload protection
- ✓ Long neck
- ✓ Soft start
- ✓ Blockage monitoring
- ✓ Electronic speed preselection

Application

Cutting





Roughing-down



Grinding



Deburring



Dividing



★ suitable

★★ well suitable

Technical data

TECHNICAL DATA

Battery voltage

18 V

Battery compatibility

Li-ion / ProCORE Li-ion

Battery interface

18 V AMPShare

Motor

brushless

Speed, no load

9,000 - 28,000 rpm

Grinding wheel for max. Ø

50 mm

Collet for max. Ø

8 mm

Max. cutter diameter

12 mm

Weight without storage battery

1.77 kg

Weight without storage battery

1.77 kg

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA
Uncertainty of measured value
KpA

82 dB
3 dB

Sound power level LWA
Uncertainty of measured value
KWA

93 dB
3 dB

Sound peak value

96 dB

LpCpeak
Uncertainty of measured value
KpCpeak

3 dB

Vibration value 1 α_{hv} 3-way

$\alpha_{h,SG} (\varnothing 50mm)$ 13,7 m/s²

Vibration value 2 α_{hv} 3-way

$\alpha_{h,SG} (\varnothing 25mm)$ 6,2 m/s²

Uncertainty of measured value
K α

1,5 m/s²

Application examples



FEIN



Powered by  **BOSCH**

**Kompatibel mit
AMPShare-/ Bosch
Professional 18 V
Akkus.** | Compatible
with AMPShare/Bosch

Professional 18 V batteries. | Compatible avec
les batteries 18 V AMPShare/Bosch Professional. |
Compatible con baterías AMPShare/Bosch
Professional de 18 V. | Compatibile con le batterie
AMPShare / Bosch Professional da 18 V.

