



AGSZ 18-280 BL AS

Cordless die grinder

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

Product number: 7 123 04 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.
- > Ideally equipped for every job. Mobile working with the L-BOXX system.

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
- ✓ Soft start
- ✓ Blockage monitoring
- ✓ Electronic speed preselection

Application

Cutting



Roughing-down





Grinding	★★
Deburring	★
Dividing	★
Brushing	★

★ 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	1.35 kg
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VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Uncertainty of measured value KpA	83 dB 3 dB
Sound power level LWA Uncertainty of measured value KWA	94 dB 3 dB
Sound peak value LpCpeak Uncertainty of measured value KpCpeak	97 dB 3 dB
Vibration value 1 α_{hv} 3-way	$\alpha_{h,SG} (\varnothing 50mm)$ 9,0 m/s ²
Vibration value 2 α_{hv} 3-way	$\alpha_{h,SG} (\varnothing 25mm)$ 4,7 m/s ²
Uncertainty of measured value K α	1,5 m/s ²

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.

