



AGSZ 18-280 LBL AS

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 05 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 materials. Variable speed to match grinding wheel RPM requirements.
- + High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.
- + COOLPACK 2.0 technology ensures a 135% longer battery service life, enabling longer operation time.
- + State-of-the-art cell technology and intelligent battery management deliver 87% more power than conventional batteries.
- + CORE 18 V Li-ion battery with Highpower cells, charge indicator and electronic cell protection (ECP). ECP protects batteries against overloading, overheating and deep discharge.
- + 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 with its slim grip, compact design and low weight with good balance.
- + Dust-protected, separate motor electronics in the grip area.
- + Compatible with all CORE 18 V AMPShare batteries and chargers, for even more power and flexibility. Also suitable for 18 V Bosch Professional cordless tools.
- + Well-lit work area thanks to the integrated LED lamps.
- + Perfectly equipped for any job. Mobile work with our XL-BOXX system.
- + Longer, more narrow neck enables deep immersion in workpieces (e.g. grinding inside pipes).
- + Replaceable rubber neck bearing casing.

Price includes

- + 1 collet Ø 1/4 in [6 mm]
- + Spanner SW17
- + Spanner size 3
- + 1 plastic carrying case (L-BOXX 238)

Product feature

- + POWERtronic tacho electronics
- + Self-start lock
- + Electronic overload protection
- + Long neck
- + Soft-start
- + Jam monitoring
- + Electronic speed selection

Application



Cutting	++
Material removal	++
Grinding	++
Deburring	+
Cutting	+

+ suitable
 ++ well suitable

Technical data

TECHNICAL DATA

Battery voltage	18 V
Battery compatibility	Li-ion / CORE 18 V Li-ions
Battery interface	18 V AMPShare
Motor	brushless
No load speed	9,000 - 28,000 rpm
Grinding wheel for max. Ø	2 [50] in[mm]
Collet for max. Ø	1/4 [8] in[mm]
Milling machine max. dia.	1/2 [12] in[mm]
Weight without battery	3.90 [1.77] lbs[kg]

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Measurement uncertainty of the measured value KpA	82 dB 3 dB
Sound power level LWA Measurement uncertainty of the measured value KWA	93 dB 3 dB
Peak sound value LpCpeak Measurement uncertainty of the measured value KpCpeak	96 dB 3 dB
Vibration value 1 α_{hv} 3-way Vibration value 2 α_{hv} 3-way	$\alpha_{h,SG}$ (Ø 50mm) 13,7 m/s ² $\alpha_{h,SG}$ (Ø 25mm) 6,2 m/s ²
Measurement uncertainty of the measured value K α	1,5 m/s ²

Application examples



Powered by  **BOSCH**

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.