



AGSZ 18-280 BL AS

Cordless die grinder

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

Product number: 7 123 04 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.
- + 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 with our L-BOXX system.

Price includes

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

Product feature

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

Application

Cutting



Material removal



Grinding



| | |
|-----------|---|
| Deburring | + |
| Cutting | + |
| Brushing | + |

+ 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 |
| 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 | 2.98 [1.35] lbs[kg] |

VIBRATION AND SOUND EMISSION VALUES

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

Application examples



FEIN



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.

