



## **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 SW17
- + Spanner size 3
- + 1 plastic carrying case (L-BOXX 238)

## 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	+
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 $\alpha_{hv}$ 3-way Vibration value 2 $\alpha_{hv}$ 3-way	$\alpha_{h,SG}$ (Ø 50mm) 9,0 m/s <sup>2</sup> $\alpha_{h,SG}$ (Ø 25mm) 4,7 m/s <sup>2</sup>
Measurement uncertainty of the measured value K $\alpha$	1,5 m/s <sup>2</sup>

## 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.

