



# **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

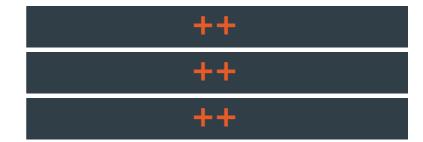
- + POWERtronic tacho electronics
- + Self-start lock
- + Electronic overload protection
- + Soft-start
- + Jam monitoring
- + Electronic speed selection

## **Application**

Cutting

Material removal

Grinding





Deburring Cutting Brushing + suitable ++ well suitable Technical data TECHNICAL DATA VIBRATION AND SOUND EMISSION **VALUES** 18 V 83 dB Battery voltage Sound pressure level LpA Measurement uncertainty of 3 dB the measured value KpA Li-ion / CORE 18 V Li-Battery compatibility ions Sound power level LWA 94 dB 3 dB Measurement uncertainty of the measured value KWA Battery interface 18 V AMPShare 97 dB Peak sound value Motor brushless LpCpeak Measurement uncertainty of 3 dB No load speed 9,000 - 28,000 rpm the measured value KpCpeak 2 [50] in[mm] Grinding wheel for max. Vibration value 1  $\alpha$ hv 3αh,SG (Ø 50mm) 9,0 Ø m/s<sup>2</sup> Vibration value 2  $\alpha$ hv 3-way  $\alpha$ h,SG (Ø 25mm) 4,7 m/s<sup>2</sup> Collet for max. Ø 1/4 [8] in[mm]  $1.5 \, \text{m/s}^2$ Measurement uncertainty of the 1/2 [12] in[mm] Milling machine max. dia. measured value  $K\alpha$ 

### Application examples

2.98 [1.35] lbs[kg]

Weight without battery





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.

