



# FEIN



Powered by BOSCH



## AGSZ 18-90 LBL AS

### Cordless die grinder

Dust-resistant and powerful, compact cordless die grinder with high plunge depth for sanding and polishing work.

Product number: 7 123 06 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.
- + Longer, more narrow neck enables deep immersion in workpieces (e.g. grinding inside pipes).
- + Replaceable rubber neck bearing casing.
- + Perfectly equipped for any job. Mobile work with our XL-BOXX system.

## Price includes

- + 1 collet Ø 1/4 in [6 mm]
- + Spanner size 3
- + Spanner SW17
- + 1 tool case (XL-BOXX)

## Product feature

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

## Application



Grinding

++

Brushing

++

Satin finishing

++

Polishing

++

+ 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

2,900 - 9,000 rpm

Polishing disc Ø

3-1/4 [80] in[mm]

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

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) 3,2  
m/s<sup>2</sup>  
 $\alpha_{h,SG}$  (Ø 25mm) 1,2 m/s<sup>2</sup>

Measurement  
uncertainty of the  
measured value K $\alpha$

1,5 m/s<sup>2</sup>

## Application examples



# FEIN



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**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.