

## AGSZ 18-280 LBL

### 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 02 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 media and materials thanks to infinitely variable electronic speed setting selection.
- > High-performance. 30% higher degree of efficiency than comparable universal motors with 1,100 watts of input power.
- > Maintenance-free motor with innovative cooling fins for optimal heat dissipation including temperature monitoring.
- > Maximum cutting speed with FEIN HighPower Li-ion batteries. High-current cells with continuously high current output and 75% higher amperage than Li-ion batteries.
- > Very 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 thanks to a slim grip, compact design and low weight with good balance.
- > Dust-protected, separate motor electronics in the grip area.
- > Flexibility with the FEIN MultiVolt interface. Tool can be used with all FEIN Li-ion batteries (12-18 V).
- > 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.

## Price includes

- ✓ 2 rechargeable batteries (Li-ion)
- ✓ 1 collet Ø 1/4 in [6 mm]
- ✓ Spanner SW17
- ✓ 1 rapid charger ALG 80
- ✓ Spanner size 3
- ✓ 1 tool case

## 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	★

★ suitable  
★★ well suitable

## Technical data

### TECHNICAL DATA

Battery voltage	18 V
Battery capacity	3 Ah
Battery compatibility	Li-ion / HighPower Li-ions
Battery interface	MultiVolt
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 incl. battery	4.63 [2.10] lbs[kg]
Weight without battery	3.53 [1.60] lbs[kg]

### VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Measurement uncertainty of the measured value KpA	85 dB 3 dB
Sound power level LWA Measurement uncertainty of the measured value KWA	96 dB 3 dB
Peak sound value LpCpeak Measurement uncertainty of the measured value KpCpeak	98 dB 3 dB
Vibration value 1 $\alpha_{hv}$ 3-way Vibration value 2 $\alpha_{hv}$ 3-way	$\alpha_{h,SG}$ (Ø 50mm) 12,0 m/s <sup>2</sup> $\alpha_{h,SG}$ (Ø 25mm) 5,0 m/s <sup>2</sup>
Measurement uncertainty of the measured value K $\alpha$	1,5 m/s <sup>2</sup>



## Application examples

