

AGSZ 18-280 BL Select

Cordless die grinder

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

Product number: 7 123 01 62 00 0

Details

- > Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- > Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- > Powerful. 30% more efficiency than comparable universal motors with a rated output of 1100 W.
- > Maintenance-free motor with innovative cooling ribs for optimum heat dissipation, including monitoring of temperature.
- > Maximum work progress with FEIN HighPower Li-ion batteries. Cells capable of high currents with continually high power output and 75% higher current rating than Li-ion batteries.
- > Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- > Extensive user protection features include soft start, restart protection and electronic overload protection.
- > Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- > Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- > Separate motor electronics with dust guard in handle area.
- > Flexibility with the FEIN MultiVolt interface. Tool can be operated with all FEIN Li-ion batteries (12 to 18 V).
- > Bright working area thanks to integrated LED light.

Price includes

- ✓ 1 collet Ø 6 mm
- ✓ 1 plastic carrying case
- ✓ Jaw spanner SW13
- ✓ Jaw spanner SW17

Product feature

- ✓ POWERtronic tachometer electronics
- ✓ Blockage monitoring
- ✓ Soft start
- ✓ Electronic overload protection
- ✓ Restart protection
- ✓ Electronic speed preselection

Application

Cutting	★★
Roughing-down	★★
Grinding	★★
Deburring	★
Dividing	★
Brushing	★

★ suitable
★★ well suitable

Technical data

TECHNICAL DATA

Battery voltage	18 V
Battery compatibility	Li-ion / HighPower Li-ion
Battery interface	MultiVolt
Motor	brushless
Speed, no load	9,000 - 28,000 rpm
Grinding wheel for max. \varnothing	50 mm
Collet for max. \varnothing	8 mm
Max. cutter diameter	12 mm
Weight without storage battery	1.40 kg

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Uncertainty of measured value KpA	84 dB 3 dB
Sound power level LWA Uncertainty of measured value KWA	95 dB 3 dB
Sound peak value LpCpeak Uncertainty of measured value KpCpeak	98 dB 3 dB
Vibration value 1 α_{hv} 3-way Vibration value 2 α_{hv} 3-way	$\alpha_{h,SG} (\varnothing 50\text{mm}) 12,0 \text{ m/s}^2$ $\alpha_{h,SG} (\varnothing 25\text{mm}) 5,0 \text{ m/s}^2$
Uncertainty of measured value K α	1,5 m/s ²

Application examples