KBC 36 MAGFORCE (230V)

Compact magnetic core drill for up to 36 mm

Extremely small and light single-speed compact magnetic core drill with minimum dimensions for use in tight spaces in the workshop and on the construction site.

Product number: 7 273 23 62 00 0

Details

- Extremely small and light for working in tight and difficult-to-reach spots – including vertically and overhead – thanks to height of 169 mm, a length of 290 mm and a weight of 8.5 kg.
- Extremely low wear and long-life tool design with spindle sleeve feed without clearance for accurate drilling results in tough use in industry and manual trades.
- Very powerful and maintenance-free brushless 1200 W high-power motor with high speed stability for continuously fast work progress as well as forward / reverse running and electronic speed setting for all drilling applications, such as core drilling, twist drilling and tapping and countersinking.
- High gearbox positioning for optimum view of the drilling point.
- Large installation space under the drill spindle with a stroke range of 46 mm.
- Space-saving operation on both sides with ratchet.
- Combined drive shaft, 1/2” square and 8 mm hexagon socket.
- Intuitive operating concept avoids mix-ups and can be clearly seen by the user.
- Convenient magnetic holding force display helps the user to reliably position the tool.
- Tilt sensor stops the drill motor when the tool slips or tilts.
- Integrated handle.
- Speed saving "memory function".
- Slot for 5 mm hexagon socket wrench on the tool itself.
- Internal cooling lubrication by means of hand pump.
- Personal safety switch.
- Ideally equipped for every job. Mobile working with the L-BOXX system.

Price includes

- 1 x 1/2” ratchet
- 1 x coolant pump
- 1 swarf hook
- 1 contact guard
- 1 x 5 mm hexagon socket wrench
- 1 plastic tool case (L-BOXX 238)
- 1 x 1/2” socket wrench extension
- 1 lashing strap
- 1 x 82 mm centring pin
- 1 additional handle
- 1 x 5 mm hexagon socket wrench with T-handle

Product feature

- Magnetic holding force display
- Variable speed control
- Speed-controlled electronics (tacho)
- Reversible rotation
- Memory function
- Tilt sensor

Application

Core drilling in metal with a Ø up to 35 mm	++
Tapping	++
Working overhead	++
Installation work	++

\+ suitable
++ well suitable

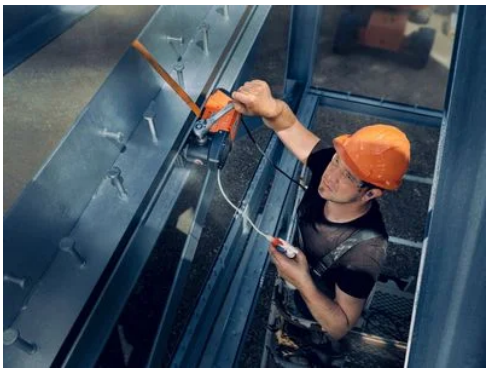
Technical data

TECHNICAL DATA

Input	1,200 W
Output	680 W
Speed, full load	130 - 610 rpm
Speed, no load	130 - 660 rpm
Carbide core drill bit max. Ø	36 mm
HSS core drill max. Ø	36 mm
Core drill, drilling depth max.	35 mm
Twist drill max. Ø	16 mm
Tapping	M 12
Countersinking max. Ø	32 mm
Core drill holder	3/4 in Weldon
Width across corners	40 mm
Height	169 mm

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Uncertainty of measured value KpA	95,3 dB 5 dB
Sound power level LWA Uncertainty of measured value KWA	103,3 dB 5 dB
Sound peak value LpCpeak Uncertainty of measured value KpCpeak	106,3 dB 5 dB
Vibration value 1 αhv 3-way Uncertainty of measured value Kα	ah,D = <2,5 m/s² 1,5 m/s²

Length	290 mm
Stroke	46 mm
Height	169 mm
Magnetic holding power	10,000 N
Cable with plug	3 m
Weight according to EPTA	8.50 kg
Weight according to EPTA	8.50 kg

Application examples