



KBM 50 Q

Metal core drilling unit up to 50 mm

Lightweight and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation and maximum functionality for flexible working in the workshop and on the construction site.

Product number: 7 270 41 61 00 0

Details

- + Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- + Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1,200 W high-power motor with tacho electronics for high speed stability for reliable and economical working.
- + With clockwise/anti-clockwise operation, electronic speed setting and a 315 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.
- + Simple 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.
- + High magnetic holding force.
- + Integrated coolant tank delivers long core drill bit lives.
- + Feed handwheel can be moved from one side to the other.
- + Speed saving "memory function".
- + Personal safety switch.

Price includes

- + 1 coolant tank
- + 1 swarf hook
- + 1 contact guard
- + 1 lashing strap
- + 1 centering pin
- + 1 case

Product feature

- + Electronic magnetic holding force
- + Reversible rotation
- + Memory function
- + Magnetic holding force display
- + Variable speed control
- + Speed-controlled electronics (tacho)

Application



FEIN

Core drilling in metal with a Ø up to 35 mm

++

Core drilling in metal with a Ø up to 50 mm

++

Twist drills with drill chuck (DIN 338)

+

Tapping

++

Countersinking

++

Reaming

++

Working overhead

+

Installation work

++

Workshop jobs

++

+ suitable

++ well suitable

Technical data

TECHNICAL DATA

Input

1,200 W

Output

640 W

Load speed in speed 1

130 - 260 rpm

Load speed in speed 2

260 - 520 rpm

Carbide core drill bit max.
Ø

50 mm

HSS core drill max. Ø

40 mm

Core drill, drilling depth
max.

50 mm

Twist drill max. Ø

16 mm

Sound pressure level LpA
Uncertainty of measured value
KpA

82,1 dB
5 dB

Sound power level LWA
Uncertainty of measured value
KWA

93,1 dB
5 dB

Sound peak value
LpCpeak
Uncertainty of measured value
KpCpeak

96,2 dB
5 dB

Vibration value 1 α_{hv} 3-
way
Uncertainty of measured value
K α

< 2,5 m/s²
1,5 m/s²

VIBRATION AND SOUND EMISSION VALUES



| | |
|-----------------------|-----------|
| Tapping | M 16 |
| Countersinking max. Ø | 31 mm |
| Reaming max. Ø | 16 mm |
| Core drill holder | Quick!N |
| Changing the core bit | tool-free |
| Stroke | 145 mm |
| Total stroke range | 315 mm |
| Cable with plug | 4 m |

Application examples

