



KBH 25-2 U

Hand-guided metal core drilling system up to 25 mm

Hand-guided 2-speed metal core drilling system for universal use of core drills and twist drills.

Product number: 7 271 03 61 00 0

Details

- > Work up to 6 times faster thanks to innovative drilling technology: 5 mm deep centre drilling at 1600 rpm followed by disconnection of the centre bit and automatic speed change to 520 rpm to achieve the optimum cutting speed for carbide core bits. With its specially developed cutting geometry, the carbide core bit completes the desired hole diameter with little effort on the user's part.
- > Mechanical 2-speed gearbox with speeds of 0-1600 rpm for efficient twist drilling and clockwise/anti-clockwise operation for cutting threads up to M12.
- > High level of safety thanks to torque slipping clutch. Protects the user in the event of overload by disconnecting the output side from the drive side.
- > Reversible rotation.
- > FEIN high-power motor with high speed stability.
- > Variable speed control.
- > Infinitely variable electronic speed setting.
- > Speed-controlled tacho electronics.
- > Distortion-free barrel-type motor housing.
- > Carbide core drill bits with optimised service life.
- > Restart lock.
- > Wide range of accessories.
- > ** Torque slipping clutch.

Price includes

- ✓ 1 centring drill bit
- ✓ 1 cutting spray
- ✓ 1 quick-action chuck Ø 3-16 mm
- ✓ 1 plastic carrying case
- ✓ 1 additional handle

Product feature

- ✓ Reversible rotation
- ✓ Speed-controlled electronics (tacho)
- ✓ Acceleration electronics
- ✓ Torque slipping clutch
- ✓ Speed preselection



Application

Core drilling in metal



Sawing holes in sheet metal



Twist drilling



Tapping



Countersinking



★ suitable

★★ well suitable



Technical data

TECHNICAL DATA

Input	1,200 W
Output	680 W
Centre drilling	0 - 1,600 rpm
Load speed in speed 1	0 - 520 rpm
Load speed in speed 2	0 - 1,600 rpm
Torque at max. output power	50 Nm
Stall torque	50 ** Nm
Drilling diameter in steel, core drill bit	25 mm
Hole diameter in stainless steel, core drill	25 mm
Drilling diameter in aluminium, core drill bit	30 mm
Core drill, drilling depth max.	20 mm
Drilling diameter in steel, hole saws	80 mm
Hole saws, max. drilling depth	4 mm
Tapping	M 12
Hole diameter in steel / stainless steel, twist drill	16 mm

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Uncertainty of measured value KpA	81 dB 3 dB
Sound power level LWA Uncertainty of measured value KWA	92 dB 3 dB
Sound peak value LpCpeak Uncertainty of measured value KpCpeak	96 dB 3 dB
Vibration value 1 α_{hv} 3-way	$\alpha_{h,D}$ 3,5 m/s ²
Vibration value 2 α_{hv} 3-way	$\alpha_{h,P}$ 5,5 m/s ²
Uncertainty of measured value K α	1,5 m/s ²

Core drill holder	QuickIN PLUS
Width across corners	27 mm
Cable with plug	4 m
Weight according to EPTA	3.40 kg

Application examples

