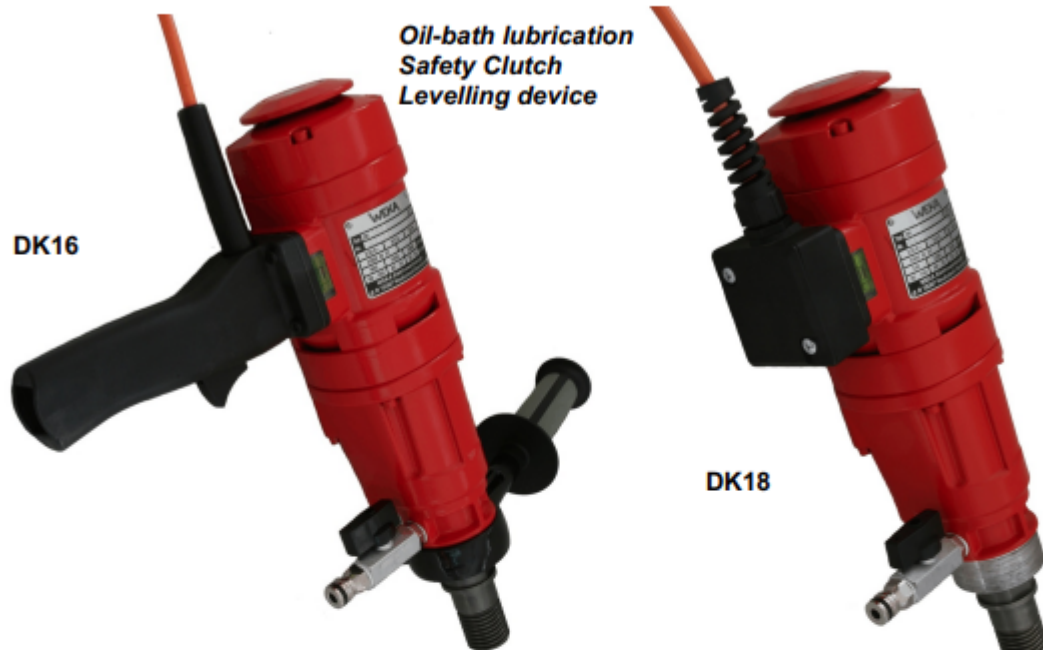


# 3-Speed Diamond Core Drill DK16 / DK18



*Especially powerful motor  
Motor protection and softstart  
by means of Intellitronic*

## Technical Data

Type		DK16 / DK18
Nominal power	W	2000
Output power	W	1340
Load speed	1/min	540/1200/2520
Length	mm	350
Weight	kg	5,9
Drilling Ø in concrete c.		
in drill stand	mm	20 - 160
hand held	mm	20 - 100
Tool fixture		G 1/2"
Typ 1603/1803		1 1/4" + G1/2"
Mounting neck Ø	mm	60

Diamond  
Core Drills



Diamond  
Saws

WEKA professional electric drills offer a high quality standard combined with a maximum in efficiency. They are designed for permanent and professional operation. They are designed for steady and professional use and achieve a high quality level.

The DK16 is a well approved and from professionals worldwide appreciated core drill. In Europe, USA and Asia it is used from drilling and sawing companies, but also from craftsmen, who prefer a high-quality product.

**DK16 - universal diamond core drilling machine which can be fixed in a drill stand or used as a hand held drill.**

**DK18 - standard diamond core drilling machine for operation in the drill stand.**

The DK16 and DK18 are characterized by their enormous drilling capacity and thus the wide drilling range of up to 160 mm.

All versions offer the following features.

#### **3 - speed gear**

Large drilling range (see tech. Data) with easy speed adjustment to each hole diameter.

#### **Oil-bath lubrication**

Optimal gear lubrication for high efficiency and durability.

#### **Overload clutch**

Protection for operator as well as for machine and tools against mechanical overloads. An indispensable safety element for hand operated core drills.

#### **Motor protection switch**

Protects the motor against electrical overload.

**Intellitronic** - the new electronic system starts the motor by means of a micro controller softly and thus avoids a too high start current.

When exceeding the over current threshold the electronic is showing this by a pulsating of the motor. If the operator now decreases the feed power, the motor works normal again. If the operator does not decrease the feed power the electronic switches the motor off after some seconds. After this action the motor can be started immediately. It is not required to wait a time period before starting again like on a thermal motor overload switch.

Thus the Intellitronic avoids overload conditions and increases safety, the operators comfort and the motors life time.

#### **Leveling aid**

Two integrated levels enable exact horizontal and vertical working positioning.

#### **Metal Casing**

In relation to plastic cases the aluminum case of WEKA drills is mechanically and thermally more stable and durable.

#### **WEKA and Environment**

WEKA electric tools are mainly made of steel and aluminum. Plastics are only used if it is unavoidable. Sandwich material is not used.

WEKA electric tools are durable. Scrap-mature machines will be taken to pieces completely and the material is separated.

Therefore the machines are 90% recyclable.

#### **Electrical Safety**

WEKA diamond core drills correspond to the newest European regulations. The most important features are double insulation with an additional ground wire, that protects most of all against external voltage - drilling into a live line - and a residual-current-operated protective device (RCD) in the cord.

**Threefold electrical protection - safety insulation + earth wire + protective switch**

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