

DD160-E diamond drilling system

Uses

Precise holes in the 25-162 mm (202 mm) diameter range in steel-reinforced concrete, natural stone, synthetic stone and asphalt

- Breaches and penetrations for cables and pipes, etc.
- Ventilation holes
- Test-core drilling
- Deep-hole drilling and angular drilling

System units

- High performance motor with 3-speed gearing
- Carriage: Free of play and requires no maintenance
- Extendable guide rails
- Anchor- and vacuum-type baseplates with pressure indicator, hole-centre indicator and vacuum pump
- Special baseplate for attachment to pipes
- Rotating and pivoting baseplate tapers
- Water supply unit
- Water collection system for wet-type vacuum cleaner
- Accessories for quick and simple operation
- Diamond core bit programme for a wide range of applications

Motor unit features

- Service indicator
- 3-speed gearing
- Mechanical safety clutch
- DD-C-BU quick-release chuck
- Zero voltage trip
- Electronic overload protection

Technical data

Voltage:	115 V	230 V
Nominal power:	2000 W	2000 W
Nominal current:	18 A	9 A
Speeds (no load):	Diameter ranges	
1 st speed 500 r.p.m.:	92–162 (202) mm	
2 nd speed 1000 r.p.m.:	40–102 mm	
3 rd speed 2000 r.p.m.:	25– 52 mm	
Weight (without supply cord):	11.5 kg	
Ground fault interrupter:	6 mA	10 mA
Radio and TV interference suppression as per EN 55014		
Protection class I machine with internal protection class II design		
Approved as per IEC 1029 and EN 61029		

Noise and vibration

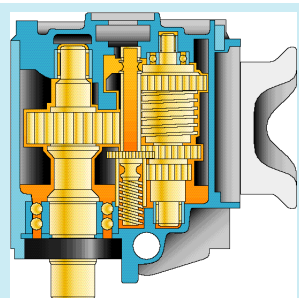
Typically the A-weighted noise levels of the tool are:

- sound (pressure) level: 89 dB(A)
- sound (power) level: 102 dB(A)



The advantages of a modular system

- Tailor-made solutions for every application
- Easy to adapt for special purposes
- Easy to transport and set up (1-man operation)
- Extremely versatile
- Optimised lubrication in all directions: a special pump ensures that all key parts of the gearing are always oiled



Ordering designation

DD-160 E motor unit, 230V	236072 TW*,CN*
DD-160 E motor unit, 230V	236070 HK*,CN*
DD-160 E set (for China Mainland only)	336107

(incl. DD-160 E motor 230V, DD-C-BU, DD-R 100-S, DD-CA-S, DD-FH 1/2", DD-CP-S, DD-EP-S, DD-BCO-S, RATCHET, 1/2")

