

Technical data

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Data	DM400			DM430		
Motor						
Electrical motor	Single-phase			Single-phase		
Rated voltage, V	100-120, 110, 220-240			100-120, 110, 220-240		
Rated power, W	3200			3200		
Rated output, W	2300			2300		
Rated frequency, Hz	50-60			50-60		
Rated current, A						
100-120V (US, JP)	20			20		
110V (UK, Ireland)	30			30		
220-240V	15			15		
PRCD current, A						
100-120V (US, JP)	6 mA			6 mA		
220-240V	10 mA			10 mA		
Drill bit						
Max. drill diameter in concrete, mm/inch	350/14			450/18		
Min. drill diameter in concrete, mm/inch	55/2			100/4		
Weight, kg/lb	13.5/29.8			14.2/31.3		
Water cooling						
Water coupling	Gardena			Gardena		
Maximum water pressure, bar	3			3		
Tool connection						
Spindle thread, JP/SE/RoW	A-Rod/CRI 28/1 1/4" G			A-Rod/CRI 28/1 1/4" G		
Dust and slurry						
Drill bit diameter to use a slurry ring, mm/inch	50-350/ 2-13.8			50-350/ 2-13.8		
Operating data						
Gear	1	2	3	1	2	3
Speed spindle, idle, full load, rpm	230	460	720	150	300	470
Speed spindle, idle, no load, rpm	420	820	1250	250	510	800

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Drill diameter in concrete, mm/inch	165-350/ 6.5-14	80-160/ 3-6	55-105/ 2-4	250-450/ 8-18	125-250/ 5-10	100-160/ 4-6
Recommended water volume, l/min	1.7-2.4	1.1-1.6	0.9-1.3	2.0-2.5	1.5-2.0	1.2-1.6

Noise emission data

Data	DM400	DM430
Noise emission		
Sound pressure level, dB (A)	92	92
Sound power level, L _{WA} dB (A) ¹	112	112

Embedded connectivity

Note: This part is applicable only for products supplied with embedded connectivity.

BLE technology radio spectrum	DM400	DM430
Frequency bands for the tool, GHz	2.402-2.480	2.402-2.480
Maximum radio-frequency power transmitted, dBm/mW	4/2.5	4/2.5

LED indications



CAUTION: Overload again and again can do damage to the product.

Indication on the product	Cause	Possible solution
1 green LED.	The tool is connected to mains voltage and can be used.	N/A
	Power output is less than 50% of available output power.	
2 green LEDs.	Power output is between 50% and 65% of available output power.	
3 green LEDs.	Power output is between 65% and 80% of available output power.	
3 green LEDs and 1 yellow LED.	Maximum power output. Power output is more than 80% of available output power.	

¹ Noise emission in the environment measured as sound power according to EN 62841-3-6. Expected measurement uncertainty 3 dB(A).