



# DM6P Wet Drilling Motor

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Internal & Confidential

**AGP** | DM6P Wet Drilling Motor

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# Introduction

## Target group & Applications

### DM6P Introduction

This is a very versatile 2200 W core drilling motor with 3-speed oil-bath gearbox for wet drilling up to 162mm in reinforced concrete. It can be used either hand-held or mounted to a drill stand. With its all-metal construction, this is a heavy-duty coring motor with outstanding mechanical strength and heat tolerance.

### Target Groups and Applications

This tool is intended for heavy-duty applications, such as for equipping professional drilling companies, and it will also be a great choice for operators such as general construction personnel, or anyone who needs to drill a wide range of sizes in reinforced concrete. It will be most suited to operators who need a capable tool which is built to withstand intensive use and long duty cycles. This tool is intended for a user who needs to drill wet in reinforced concrete.



# Sales Arguments



**Heavy-Duty Gearbox**  
Oil bath, 3-speed gearbox with mechanical clutch for heavy-duty use.



**Spirit Levels**  
Vertical and horizontal Spirit Levels allow operators to create precisely aligned holes



**LED Load Indicator**  
LED load indicator to give the operator reliable guidance on load conditions.



**Anti-Seize ring**  
Standard equipment anti-seize ring prevents the bit from becoming stuck on the spindle.



**Special Waterproof Switch**  
Hall Effect Switch is completely waterproof and dustproof. Includes anti-restart function.

# Technical Specification

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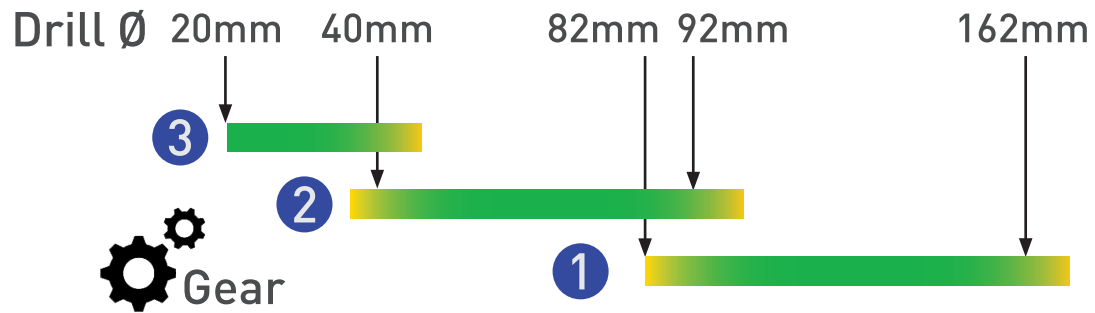
Model	DMC6P
Power Input	2200 W (230-240 V)
	2000 W (220 V)
	1700 W (110-120 V)
Voltage, Frequency	230-240 V~ 50-60 Hz
	220 V ~ 50-60 Hz or
	110-120 V~ 50-60 Hz
No Load Speeds	930 / 1520 / 4270 min <sup>-1</sup>
Rated Load Speeds	560 / 910 / 2560 min <sup>-1</sup>
Capacity-Wet	162 mm (6-1/2")
Gear Oil Type	80W-90
Gear Oil Capacity	200 ml
Spindle Thread	1-1/4" UNC male & 1/2" BSP female
External / Internal	
Neck Diameter	60 mm
Dimensions (LxWxH)	437 x 115 x 289 mm
Weight	6.3 kg (13.9 lb)

- ① Spindle 1-1/4"UNC & 1/2"BSP
- ② Anti-Seize Ring
- ③ Side Handle Assy.
- ④ Spirit Level
- ⑤ LED Load Indicator
- ⑥ Lock Button
- ⑦ Trigger Switch
- ⑧ Main Handle
- ⑨ Gear Selector
- ⑩ Water Feed Valve



# Ideal Operating Window

## Wet Drilling in Reinforced Concrete



# Offer Content

## Standard Accessories






















- ① DM6P Wet Drilling Motor
- ② Side Handle
- ③ M32 Wrench
- ④ Blow Molded Case

## Optional Accessory

- ⑤ SDS Pilot Drill Socket
- ⑥ Soft-Grip Side Handle
- ⑦ Centering Pilot for L 300 mm Bits



# Comparison Table

Brand								
Hand-Held Wet / Dry Core Drilling								
Model No.	DM6P	DK1603	DM 230	T1 MU-EL	DME20PW	EBM 33F	DD 110-W	BDB 817
Power Input	<b>230 V: 2200 W</b>	230 V: 2000 W	230 V: 1850 W	230 V: 2200 W	230 V: 2000 W	230 V: 2000 W	230 V: 1600 W	230 V: 1800 W
Rated Load Speed	<b>Gear 1: 560 /min Gear 2: 910 /min Gear 3: 2560 /min</b>	Gear 1: 540 /min Gear 2: 1200 /min Gear 3: 2520 /min	Gear 1: 580 /min Gear 2: 1400 /min Gear 3: 2900 /min	Gear 1: 530 /min Gear 2: 1280 /min Gear 3: 1780 /min	Gear 1: 520 /min Gear 2: 1400 /min Gear 3: 2900 /min	Gear 1: 520 /min Gear 2: 1400 /min Gear 3: 2900 /min	Gear 1: 650 /min Gear 2: 1380 /min	Gear 1: 501 /min Gear 2: 1027 /min
Claimed Capacity-Wet	<b>162 mm</b>	160 mm	150 mm	182 mm	Rig-Mounted: 180 mm	150 mm	Rig-Mounted: 162 mm	160 mm
Spindle	<b>1-1/4" &amp; 1/2" BSP</b>	1-1/4" & 1/2" BSP	1-1/4" & 1/2" BSP	1-1/4" & 1/2" BSP	1-1/4" & 1/2" BSP	1-1/4" & 1/2" BSP	BI+	1-1/4" & 1/2" BSP
Gearbox Lubrication	<b>Oil Bath</b>	Oil Bath	Oil Bath	Oil Bath	Oil Bath	Oil Bath	Oil Bath	Oil Bath
LED Load Indicator	<b>Yes</b> 	No	No	No	Yes	Yes	Yes	Yes
Anti-Seize Ring	<b>Yes</b> 	No	No	Optional	No	No	N/A	No
Spirit Levels	<b>Vertical &amp; Horizontal</b> 	Vertical & Horizontal	No	No	Vertical & Horizontal	Vertical & Horizontal	No	Yes
In-Line Side Handle	<b>Yes</b> 	Yes	No, Offset	No, Offset	No, Offset	No, Offset	Yes	No, fixed
Waterproof / Dustproof Switch	<b>Yes</b> 	No, Traditional Type	No, Traditional Type	No, Traditional Type	No, Traditional Type	No, Traditional Type	No, Traditional Type	No, Traditional Type
Motor Housing Material	<b>Aluminum</b>	Aluminum	Plastic	Aluminum	Aluminum	Aluminum	Plastic	Plastic
Weight	<b>6.4 kg</b>	5.9 kg	7.0 kg	7.3 kg	6.3 kg	5.2 kg	5.3 kg	7.0 kg
Street Price w/o Tax		1051,50 €	832,33 €	999,00 €	1198,64 €	1260,00 €	2335,84 €	1067,23 €
Remarks	<b>Aluminum construction, Full Featured, Hall-Effect Switch</b>	No LED load indicator	SmartStart function (slow start)	No LED load indicator, no spirit levels	LED load indicators		LED load indicator, quick-release spindle	LED load indicator
Conclusion	The <b>AGP</b> combines light weight with high power output. Although some brands may claim higher capacity, in reality not one of these tools can outperform the <b>AGP</b> . Top quality materials are used, such as the all-aluminum construction. There are useful features, such as the in-line side handle, spirit levels, and anti-seize ring. The Hall-effect switch is the most advanced type, being impervious to water or dust, while having no we aring contacts. These factors combine to make the <b>AGP</b> the highest value and best performing tool in this comparison.							

# Tool Dimensions (mm)

