

AGP®



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.

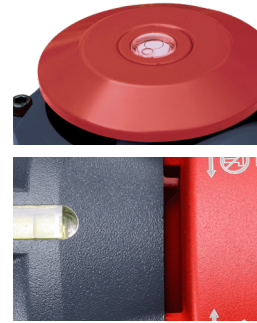


Sales Arguments



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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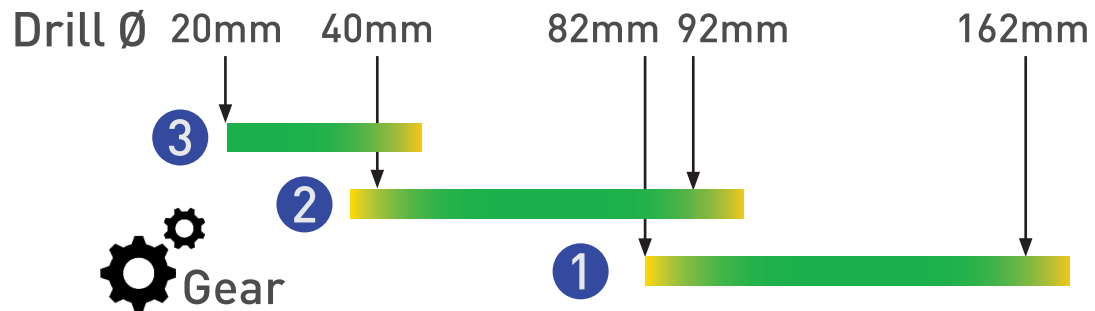
Model	DMC6P
Power Input	2200 W (230-240 V)
	2000 W (220 V)
	1700 W (110-120 V)
Voltage, Frequency	230-240 V~ 50-60 Hz
	220 V ~ 50-60 Hz or
	110-120 V~ 50-60 Hz
No Load Speeds	930 / 1520 / 4270 min ⁻¹
Rated Load Speeds	560 / 910 / 2560 min ⁻¹
Capacity-Wet	162 mm (6-1/2")
Gear Oil Type	80W-90
Gear Oil 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



 Gear 1 must always use a drill stand.



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



④



⑤
























⑥



⑦



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	230 V: 2200 W	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	Gear 1: 560 /min Gear 2: 910 /min Gear 3: 2560 /min	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	162 mm	160 mm	150 mm	182 mm	Rig-Mounted: 180 mm	150 mm	Rig-Mounted: 162 mm	160 mm
Spindle	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	1-1/4" & 1/2" BSP	BI+	1-1/4" & 1/2" BSP
Gearbox Lubrication	Oil Bath	Oil Bath	Oil Bath	Oil Bath	Oil Bath	Oil Bath	Oil Bath	Oil Bath
LED Load Indicator	Yes 	No	No	No	Yes	Yes	Yes	Yes
Anti-Seize Ring	Yes 	No	No	Optional	No	No	N/A	No
Spirit Levels	Vertical & Horizontal 	Vertical & Horizontal	No	No	Vertical & Horizontal	Vertical & Horizontal	No	Yes
In-Line Side Handle	Yes 	Yes	No, Offset	No, Offset	No, Offset	No, Offset	Yes	No, fixed
Waterproof / Dustproof Switch	Yes 	No, Traditional Type	No, Traditional Type	No, Traditional Type	No, Traditional Type	No, Traditional Type	No, Traditional Type	No, Traditional Type
Motor Housing Material	Aluminum	Aluminum	Plastic	Aluminum	Aluminum	Aluminum	Plastic	Plastic
Weight	6.4 kg	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	Aluminum construction, Full Featured, Hall-Effect Switch	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 AGP combines light weight with high power output. Although some brands may claim higher capacity, in reality not one of these tools can outperform the AGP . 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 AGP the highest value and best performing tool in this comparison.							

Tool Dimensions (mm)

