

# MM G330.250



The mid-drive motor constantly samples relevant information at a frequency of up to 80k Hz via a torque sensor and two speed sensors which are all highly sensitive. The resulting data on crank torque, vehicle speed and the speed of rotation of the pedals is made available to the controller, ensuring precise control of the vehicle while achieving the highest possible efficiency. The Max Drive System puts the rider in complete control. In spite of a generous power output and a maximum torque of more than 80 N.m, the motor operates in virtual silence. The modular motor design and integrated controller make disassembly easier and improve service responsiveness. This motor can be black or silver.

## SPECIFICATIONS

### Core Data

Position	Mid Motor
Wheel Diameter (Inch)	Optional
Construction	Gear drive
Rated Voltage (DCV)	36/43/48
n0 (Rpm)	101/112/112
Rated Power (W)	250
nT(Rpm)	92/101/103
Max Torque	80 N.m
Efficiency (%)	≥ 80
Pedal Sensor	Speed and Torque Integrated
Shaft Standard	JIS
Color	Black / Silver
Weight (kg)	3.9
Noise Grade (dB)	< 55
Operating Temperature	-20-45°C

## Function

E-Brake	Yes
Gearsensor Function	Yes
Light Drive Capacity (DCV / W)	6 /3(max)

## Further Specifications

Speed Detection Signal (Pulses/Cycle)	1
Reduction Ratio	1:33.4
Magnet Poles (2P)	8

## Tests & Certifications

IP	IP 65
Certifications	CE / EN 14764 / ROHS
Salt Spary Test Standard(h)	96

# MM G330.250.CB



The mid-drive motor constantly samples relevant information at a frequency of up to 80k Hz via a torque sensor and two speed sensors which are all highly sensitive. The resulting data on crank torque, vehicle speed and the speed of rotation of the pedals is made available to the controller, ensuring precise control of the vehicle while achieving the highest possible efficiency. The Max Drive System puts the rider in complete control. In spite of a generous power output and a maximum torque of more than 80 N.m, the motor operates in virtual silence. The modular motor design and integrated controller make disassembly easier and improve service responsiveness. This motor can be black or silver.

## SPECIFICATIONS

Core Data

Position	Mid Motor
Wheel Diameter (Inch)	Optional
Construction	Gear drive
Rated Voltage (DCV)	36/43/48
n0 (Rpm)	101/112/112
Rated Power (W)	250
nT(Rpm)	92/101/103
Max Torque	80 N.m
Efficiency (%)	≥ 80
Pedal Sensor	Speed and Torque Integrated
Shaft Standard	JIS
Color	Black / Silver
Weight (kg)	3.9
Noise Grade (dB)	< 55
Operating Temperature	-20-45°C

## Function

E-Brake	Yes
Gearsensor Function	Yes
Light Drive Capacity (DCV / W)	6 /3(max)
Brake Type	CB

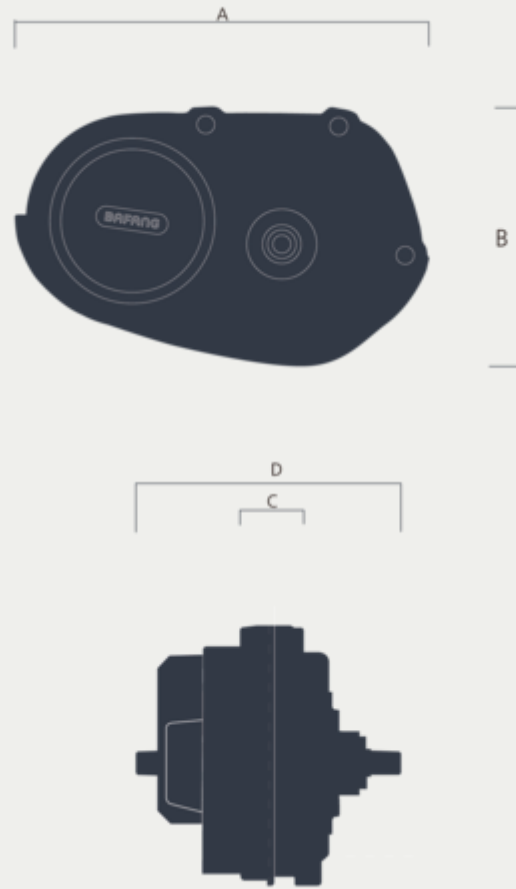
## Further Specifications

Speed Detection Signal (Pulses/Cycle)	1
Reduction Ratio	1:33.4
Magnet Poles (2P)	8

## Tests & Certifications

IP	IP 65
Certifications	CE / EN 14764 / ROHS
Salt Spary Test Standard(h)	96

## DIMENSIONS



Dimension A 232 mm

Dimension B 145 mm

Dimension C 35.8 mm

Dimension D 150 mm