PREMIUM
LINE

Rear motor 50609-1-BL

DATASHEET

Specifications

Position	**Rear**
Freewheel	**Yes**
Rated voltage	**36 V**
Rated power	**250 W**
Max. support bike speed	**25 km/h**
Max torque	**33 Nm**
Efficiency	**Min. 80 %**
Walk assist function	**Yes**
Color	**Black/silver**
Weight	**2,2 kg**
Operation temperature	**Max. 120°**
Wire	**IP66 Plug**
Max RPM	**250 RPM**
Wheel speed sensor	**Integrated**
Type	**BLDC w. hall sensor**

Function

Compatible brake type	**Disc / V-brake**

Tests & Certifications

IP classification	**IP54**
Certifications	**CE / EN 15194 / ROHS**

Mounting parameters

Fork width	**100 mm**
Axle diameter	**Ø12 mm**
Slot width	**10 mm**

Cables & connector

Cable length	**220 mm**
Connector	**IP66 Plug**

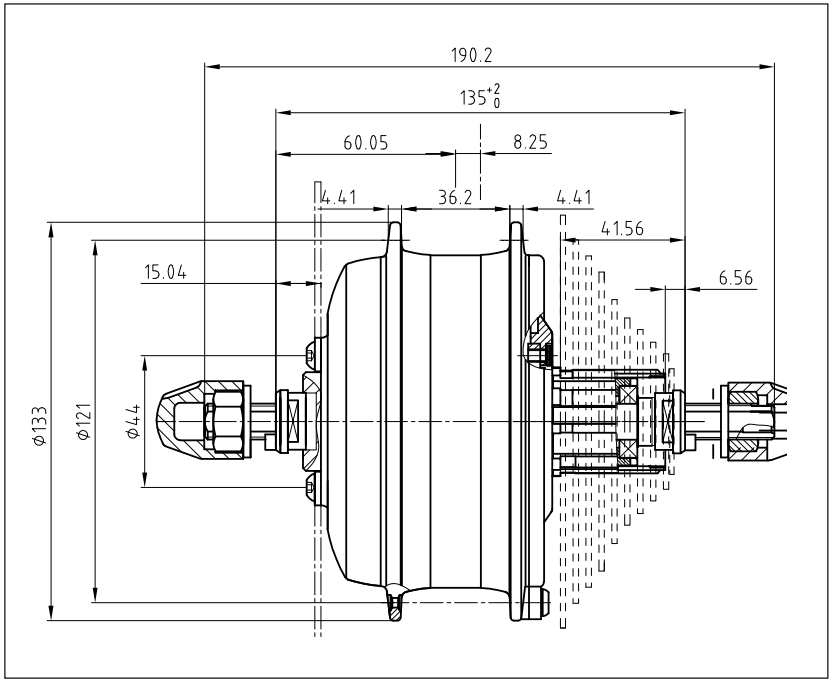
Spoke specifications

Flange width	**36,2 mm**
Spoke hole center-center	**121 mm**
Spoke hole diameter	**Ø3,2 mm**

Further specifications

Compatible wheel size	**26"-29"**
Rear sprocket	**Casette Shimano**
	8, 9, 10 speed

DIMENSIONS



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