

Askoll **ultra** /C90A - MOTOR

SPECIFICATIONS

TECHNICAL FEATURES

Description	Askoll brushless internal rotor
Type	e-MTB central movement
Rated continuous power	250 W
Max power at the drive wheel	750 W
Max torque	Up to 110 Nm ^{*1}
Nominal voltage	DC 36V (10 s battery)
Max. current	From battery 25A*
Assistance	Up to 25 km/h
Insulation class	F
Protection degree	IP 65
Weight	2,9 Kg
Communication protocol	CanBus
Attack	spindle/crank arm SIS
Min. Q Factor	162 mm
Operating temperature	-5°C / 45°C
Storage temperature	-10°C / 50°C
Frame assembly	Through clearing registers
Chain line	53 mm - Boots 148
Color	Dark grey
Advanced features	Use of an inertial platform for the intelligent management of engine maps
Speed Sensor	Center lock magnet on beam
Connection	Battery connection HIGO 216 AG Speed Sensor SIGMA Controller CAN battery connection HIGO 309 BG Connection for external light

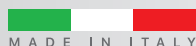
USER INTERFACE

Remote controller	EOX REMOTE 500 (7 keys)
Applications	EOX APP
Display	SIGMA EOX VIEW 1300 ROX 2.0 ROX 4.0 ROX 11.1 EVO
Protection degree	IP 67



* configurable via software to lower values

^{*1} Batterywhit Askoll communication protocol



Askoll reserves the right to change specification and features without prior notice

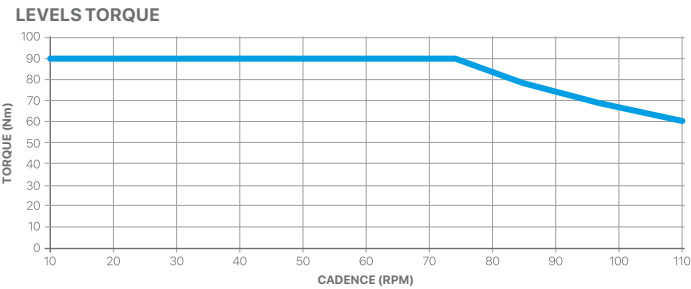
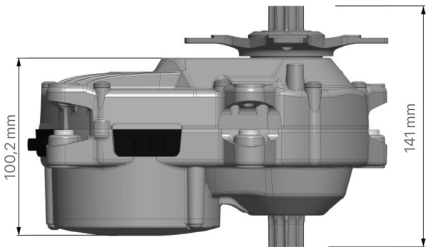
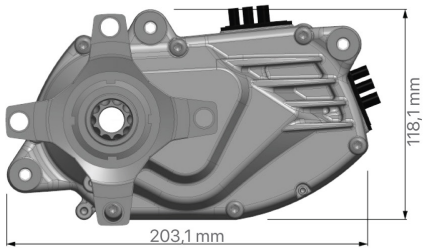
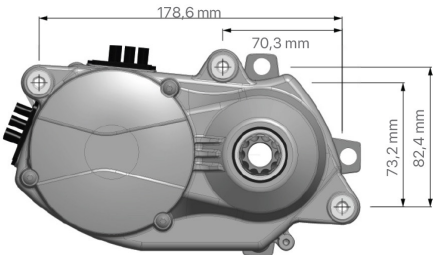
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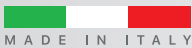
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FUNCTIONALITY	
Lighting power supply	6 V - 3 W 12 V - 6 W
System startup	Only with pedal pressure, + rotation
Assistance levels 1	7
Levels torque std	1 - Unassisted mode 2 - Walk assistance 6 km/h 3 - Eco 80% 30 Nm 4 - Tour 160% 55 Nm 5 - Trail 300% 75 Nm 6 - Sport 400% 90 Nm 7 - Boost 460% 110 Nm
Assistance levels 2	7
Levels torque std	Preset values
Bluetooth module	Integrated in the EOX REMOTE 500 Sigma controller
Torque sensor	Yes
Cadence sensor	Yes
Heating sensor	Yes - optimizes engine performance
Inclinometer	Yes
Max efficiency range	60-80 RPM
Predisposition	1 - Pedalec 25 km/h 2 - Fast-Pedalec 45 Km/h



Certifications
- EN 15194 - EN 61000-4-2



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*The range on the road strictly depends on the conditions of use, which may be: gradient and/or type of surface of the route, ambient temperature, average speed, weight carried and weight of the user, age of the battery.