

MID MOTOR



This particularly strong driving mid motor has a maximum power of 350 watts. The geared motor has manifold uses. It is suitable for the application in pedelecs for long, level roads, e.g. in town, or touring, or hilly, challenging tours, e.g. for use in mountain bikes. It can unfold its power efficiently through constant speed and the down gearing (1:21,9). With 80 Nm it has a high torque and thus gives ideal support for acceleration from stationary. Its low weight contributes to a high riding comfort. It is available in black.

SPECIFICATIONS

Core Data

Position	Mid Motor
Construction	Geared Motor
Nominal Voltage	36/48 V
Power	250-350 W
RPM	70-90
Torque	80 Nm
Efficiency	≥ 78 %

Mounting Parameters

Brake	Disc Brake, V-Brake, etc.
Bus System	RS 232, RS 485, Lin Bus, etc.
Weight	≤ 3,8 kg

Further Specifications

Cadence (Pulses/Cycle)	1/1
Reduction Ratio	1:21,9
Magnet Poles	16
Noise	< 55 dB
Hall Sensor	optional
Connector	optional

Tests & Certifications

IP-Code	IP 65
Compliance	ROHS
Label	CE

Hubs



Premium quality, style, adaptability and easy handling are the features of the Alfine gear hub. Maximum efficiency of the Shimano hub gear combined with a double roller clutch allows for fast and soft shifting with a gear ratio of 307%. A Top Normal shifting system facilitates a gear change to higher gears and thus allows for a sportier ride.

- optimised shifting under load or uphill
- 8-speed Rapidfire Plus shift lever (SL-S7000-8)
- sprocket: 20 teeth
- hub width: 135 mm
- chainline: 41,8 / 46,8 mm
- Center Lock brake disc mount
- weight: approx. 1.680 g
- lock washers for vertical dropouts (blue/green)
- incl. mounting kit, installation instructions, cable and casing
- available in 32 or 36 hole



Thanks to the gear change support mechanism, the mechanical shifting resistance is reduced to provide extremely comfortable shifting. The gear ratio is 307%.

- material: aluminium
- 8-speed twist shifter (SL-8S31)
- sprocket: 19 teeth (SM-GEAR)
- back-pedal brake
- ball bearing mounted axle
- hub width: 132 mm
- over-locknut dimension: 184 mm
- chainline: 44 mm
- weight: approx. 2060 g
- non-turn washers for vertical dropouts (blue 8R/green 8L)
- incl. mount kit, installation manual, cable and casing
- 36 hole

Brake system

SHIMANO SLX brake disc SM-RT66

Description:

- 6-hole mount
- incl. screws
- available in brake disc Ø:
160 mm
180 mm
203 mm

Shimano Altus BR-M355 + BL-M355 Disc Brake Set FW 180 + RW 160 - black



Product Name:	Shimano Altus BR-M355 + BL-M355 Disc Brake Set FW 180 + RW 160 - black
Manufacturer:	Shimano
Item Code:	SHI187620
Year:	2015
Manufacturer item code:	front: EM355LFPRA100 rear: EM355RRXRA170 disc 160 mm A-SMRT30 180 mm A-SMRT30M
Material:	aluminum
Disc:	Recommendation: Shimano SM-RT30, SM-RT54 or SM-RT56
Brake caliper:	BR-M355
Brake hose:	front 1000 mm shortable rear 1700 mm shortable
Brake lever:	BL-M355 front left rear right
Included in delivery:	filled front and rear brake incl. lever 2x SM-RT30 disc (160 mm and 180 mm)
Brake fluid:	Shimano mineral oil