



Onda 500 - 800



Powerful & Reliable Sliding Gate Motors for Residential and Industrial Use

ONDA 500

Sliding Gate Gear Motors for Residential Use and Apartment Buildings

The **ONDA 500** gear motor has been designed to power sliding gates for residential use of up to 300 Kg and for use in apartment buildings of up to 500 Kg.

It features a life-lubricated worm reduction gear with anodised aluminium body. The gear motor cap houses the **T2B** control unit.

Safety for Sliding Gates

The **ONDA 500** is equipped with an anti-crush system operated by a mechanical clutch, which regulates the thrust power as desired. Such a device, combined with modulated-infrared photocells guarantees the maximum safety of the automation, by reversing the gate motion if an obstruction is encountered in the controlled area.

radio receiver, two end-of-run cars mounted on rack and a release key.

- **ONDA 500 Z20** Gear motor with 20-tooth rack pinion (4-module toothing), moving leaves of up to 200 kg for apartment buildings and of up to 350 kg for residential use.
- **ONDA 500 Z16** Gear motor with 16-tooth rack pinion (4-module toothing), moving leaves of up to 300 kg for apartment buildings and of up to 500 kg for residential use.

MODELS

The **ONDA 500** comes in the following versions:

- **SET ONDA 500** kit, including: a gear motor model **ONDA 500 EZ16** complete with **T2B** integrated built-in control unit capable to receive the plug-in **RR/J** quartz



Both models are equipped with facility for installation of a **T2B** control unit and either a modular or a plug-in receiver.

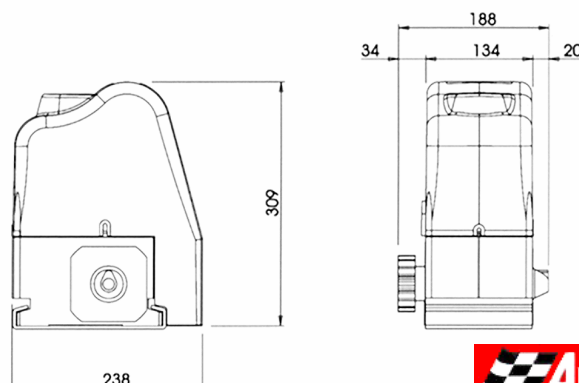
OPERATOR TECHNICAL DATA

POWER SUPPLY	230 ±10% 50 Hz
ABSORBED CURRENT	1.4 A
ABSORBED POWER	230 W
THERMAL PROTECTION	90°C
OPERATING TEMPERATURE	-20°C / + 70°C
WEIGHT	10 Kg
LINEAR SPEED (with Z16)	9.5 m / min
THRUST POWER	63 da N
MAX. LEAF WEIGHT	500 Kg

TECHNICAL HINTS

When installing the gear motor, follow the method indicated in the relevant manual. It is important to comply with the limits of use indicated for **ONDA 500** gear motor in accordance with the type of application and the weight of the gate.

OPERATOR DIMENSIONS

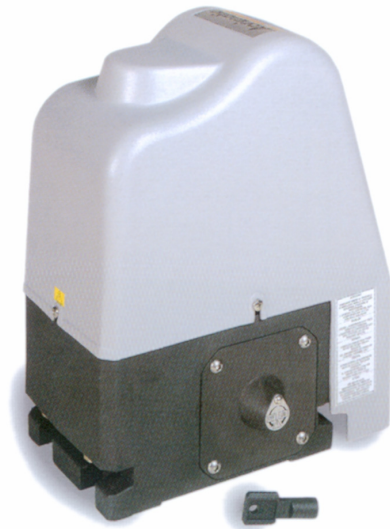




Onda 500 - 800



ONDA 800



MODELS

The **ONDA 800** comes in the following versions:

- **SET ONDA 800** kit, including: a gear motor model **ONDA 800 EZ16** complete with **T2B** integrated built-in control unit capable to receive the plug-in **RR/J** quartz radio receiver, two end-of-run cars mounted on rack and a release key.
- **ONDA 800 Z16** Gear motor with 20-tooth rack pinion (4-module toothing), moving leaves of up to 500 kg for apartment buildings and of up to 800 kg for residential use.
- **ONDA 800 Z16C** Gear motor with 16-tooth rack pinion (4-module toothing), moving leaves of up to 500 kg for apartment buildings and of up to 800 kg for residential use.

Sliding Gate Gear Motors for Residential Use and Apartment Buildings

The **ONDA 800** gear motor has been designed to power sliding gates for residential use of up to 500 Kg and for use in apartment buildings of up to 800 Kg.

This product belongs to the **ONDA** series intermediate range as regards thrust power. The great reliability of the **ONDA 800** is ensured by the steel gears used and by permanent lubrication of the system.

The non-reversibility of the gear motor enables the gate to lock automatically. This makes the use of any locks unnecessary; in the event of power failure the gate can be easily unlocked through a manual release key.

TECHNICAL HINTS

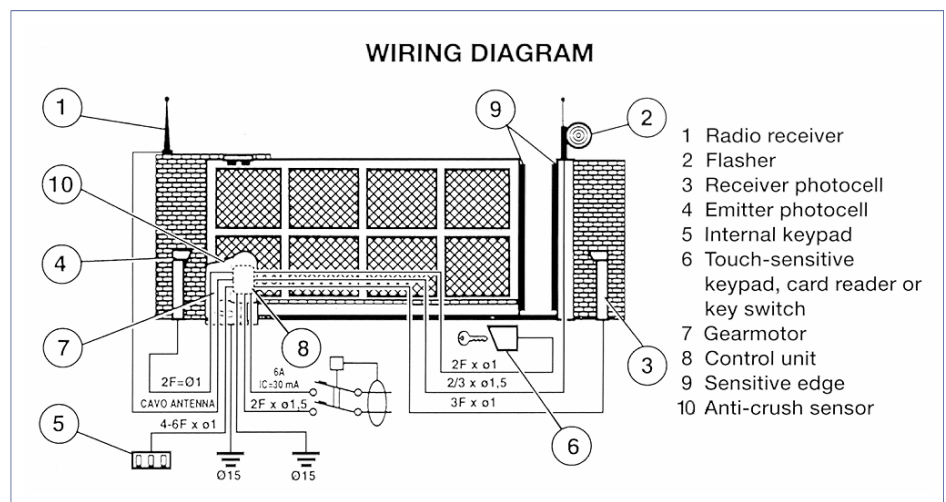
The **ONDA 800** is sturdy enough to guarantee maximum reliability for gates of up to 800 Kg. In any case it is necessary to ensure that the minimum diameter of the wheels is not less than 120 mm., in order to provide a good sliding action and adjust the clutch to full-safety values (15 Kg.).

The use of a plastic rack in place of the steel type ensures a quieter sliding of the gate (up to 500 kg).

Do not grease the rack to avoid the abrasive effect caused by dirt and sand settling on the grease with time.

OPERATOR TECHNICAL DATA	
POWER SUPPLY	230 ±10% 50 Hz
ABSORBED CURRENT	1.6 A
ABSORBED POWER	260 W
THERMAL PROTECTION	90°C
OPERATING TEMPERATURE	-20°C / + 70°C
WEIGHT	10 Kg
OIL QUANTITY	0.25 ltr
OIL TYPE	AprimGREASE Vc 84
LINEAR SPEED	9.5 m / min (Z16) 12.0 m / min (Z20)
THRUST POWER	85 da N (Z16) 63 da N (Z20)
MAX. LEAF WEIGHT	800 Kg

Both models are equipped with facility for installation of a **T2B** control unit and either a modular or a plug-in receiver.



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