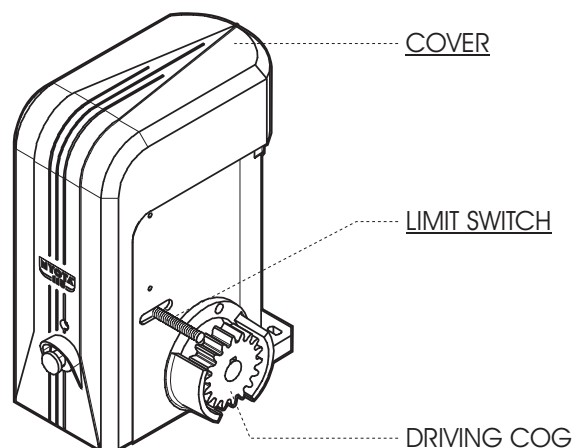
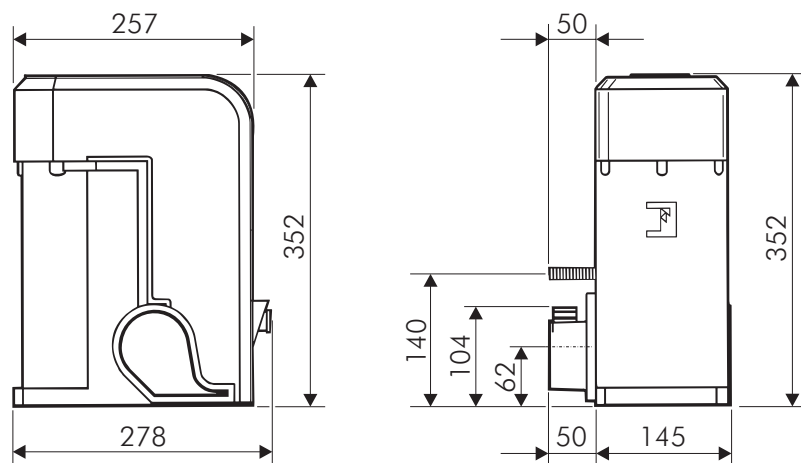


## OVERALL DIMENSIONS



GB

"NYOTA 115" is a compact, stylish and very handy motor reducer. Any sliding gate can be operated by it, even of large size.

The reducing set is made up of parts that work in oil bath and is fitted with an emergency disconnecting lever, and a torque control assembly, consisting of discs, that can be adjusted from outside and is connected to the worm.

The electric motor has been designed to endure high thermal load and has a braking device that keeps "NYOTA 115" closed or stopped in any position, as required. It is also fitted with built-in end stop switches. The cover is fitted with emergency microswitches for manual service and, on request, can be fitted with a custom-made lock. An automatic switch is also available on request to disconnect the main in case the wiring box is opened.

An electronic control box makes "NYOTA 115" fully automatic. Operating impulses are given by a radio transmitter, a pair of photocells, a pressure switch in a rubber strip and by a custom-made key-operated panel with emergency stop button.

It can withstand any climatic conditions and comes with 0.5-1.0 HP rating, single-phase is standard and three-phase request only.

## TECHNICAL SPECIFICATIONS

| Electric motor       | SINGLE-PHASE     | THREE-PHASE      | SINGLE-PHASE     | THREE-PHASE      |
|----------------------|------------------|------------------|------------------|------------------|
| Power output         | 0.37 KW (0.5 HP) | 0.37 KW (0.5 HP) | 0.73 KW (1.0 HP) | 0.73 KW (1.0 HP) |
| Supply voltage       | 230 V            | 230/400 V        | 230 V            | 230/400 V        |
| Frequency            | 50 Hz            | 50 Hz            | 50 Hz            | 50 Hz            |
| Absorbed power       | 600 W            | 575 W            | 1'130 W          | 1'030 W          |
| Absorbed current     | 3.2 A            | 2.1/1.2 A        | 5.7 A            | 3.7/2.2 A        |
| Motor rotation speed | 1'380 r.p.m.     | 1'380 r.p.m.     | 1'380 r.p.m.     | 1'380 r.p.m.     |
| Capacitor            | 30 µF            |                  | 40 µF            |                  |
| Intermittent service | S 5              | S 5              | S 5              | S 5              |

## Riducer

|                     |                                    |               |               |               |
|---------------------|------------------------------------|---------------|---------------|---------------|
| Max. torque         | 40 Nm                              | 40 Nm         | 80 Nm         | 80 Nm         |
| Gear ratio          | 1:32                               | 1:32          | 1:32          | 1:32          |
| Travelling speed    | 9.6 m/1'                           | 9.6 m/1'      | 9.6 m/1'      | 9.6 m/1'      |
| Working temperature | - 20°C + 80°C                      | - 20°C + 80°C | - 20°C + 80°C | - 20°C + 80°C |
| Oil type            | AGIP ROTRA THT - W 80 - 0,60 litre |               |               |               |
| Protection standard | IP 557                             | IP 557        | IP 557        | IP 557        |
| Weight NYOTA 115    | 18,5 Kg                            | 18 Kg         | 20 Kg         | 19,5 Kg       |
| Max. gate weight    | 500 Kg                             | 600 Kg        | 800 Kg        | 1'200 Kg      |

Duty cycle 25 sec. Open - 30 sec. Dwell - 25 sec. Close

Time of one complete cycle 80 seconds

Complete cycles Open - Dwell - Close No. 45/hour

Cycles a year, 8 hours a day No. 131'000



EUROPEAN MARK CERTIFYING  
CONFORMITY TO THE ESSENTIAL  
REQUIREMENTS OF THE STANDARDS  
98/37 CE



**NYOTA  
115**



**FADINI**  
the gate opener  
Made in Italy



**meccanica  
FADINI**

Drwg. No. **1104**

**TECHNICAL SPECIFICATION TABLE**

**ELECTROMECHANICAL SLIDING  
GATE OPERATOR**