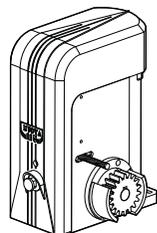
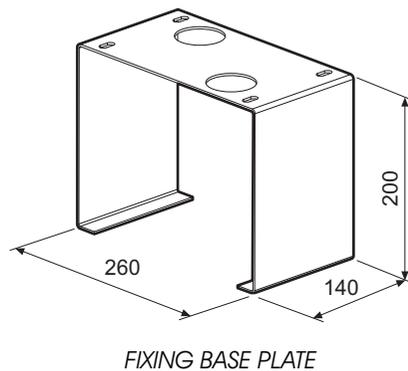
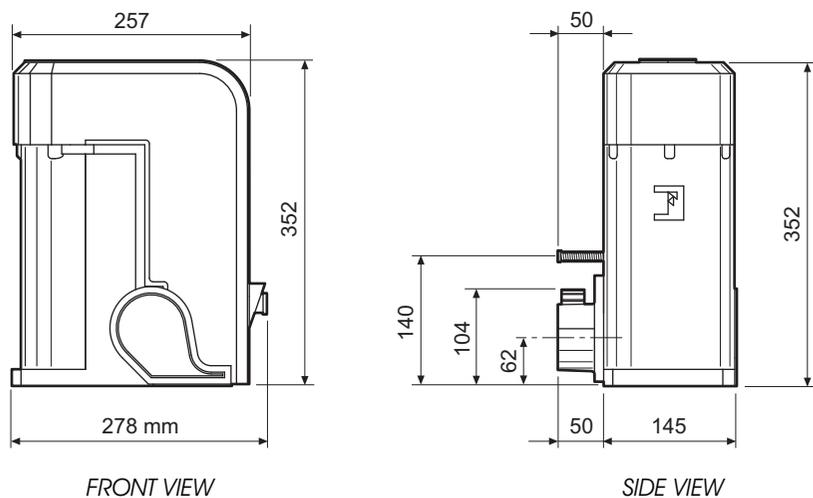


OVERALL DIMENSIONS



FADINI
the gate opener
Made in Italy



NYOTA 115 is a compact, stylish and very functional motor reducer. Any sliding gate can be operated by it, even of large size. It is made up of a single block made of pressure cast aluminium, which is the gear box, with parts made of special steel and bronze; bearings are in an oil bath and torque control is by a worm gear and discs, adjustable from the outside. The electric motor has a very high thermal resistance and is designed to firmly hold the system in stop position. The limit switches are incorporated.

All operations are possible by remote control through a specially encoded radio receiver and an electronic control board, which can be incorporated in the operator, under the cover, on request.

NYOTA 115 is produced in two power options: 0,5 HP and 1,0 HP, single- or three-phase. It comes already equipped with the mounting accessories, such as the ground fixing base plate, the limit switch striking plates, and the torque adjusting spanner. A cover lock can be fitted to securely access the emergency release device.

This operator can withstand any environmental conditions, a feature that makes it secure and reliable.

Tested and certified **CE** marking and type testing according to ITT PDC No.2389-2008.

TECHNICAL SPECIFICATIONS

ELECTRIC MOTORS	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 Vac	230/400 Vac	230 Vac	230/400 Vac
Frequency	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 rpm			
Capacitor	30 µF			40 µF
Intermittent service	S5			
OPERATOR	Single-phase	Three-phase	Single-phase	Three-phase
Rated torque	40 Nm	40 Nm	80 Nm	80 Nm
Gear rating	1/32			
Travel speed	10 m/1'			
Working temperature	-25 °C +80 °C			
Oil type	Oil Fadini - Item 706L			
Maximum gate weight	1.200 kg	1.250 kg	1.800 kg	1.850 kg
Nyota 115 weight	18,5 kg	18 kg	20 kg	19,5 kg
Protection standard	IP 55			
Limit switch	mechanical			

PERFORMANCE

Frequency of use	very intensive
Service cycle	25 s opening - 30 s dwell - 25 s closing - 30 s dwell
Complete cycle time	110 s
Complete Opening - Dwell - Closing - Dwell cycles	No.33/hour
Annual cycles (with 8 hours of use per day)	No.96.000

Drwg. No. 1104

TECHNICAL DATA TABLE

04/14

ELECTRO-MECHANICAL SLIDING
GATE OPERATOR WITH BRAKING MOTOR

NYOTA 115

