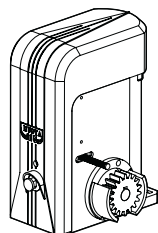
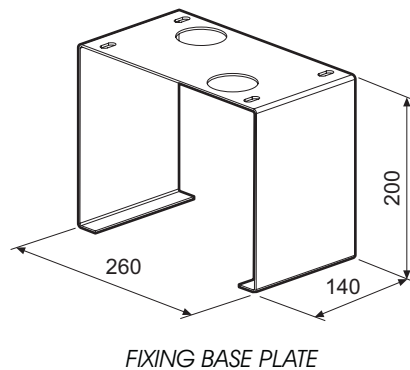
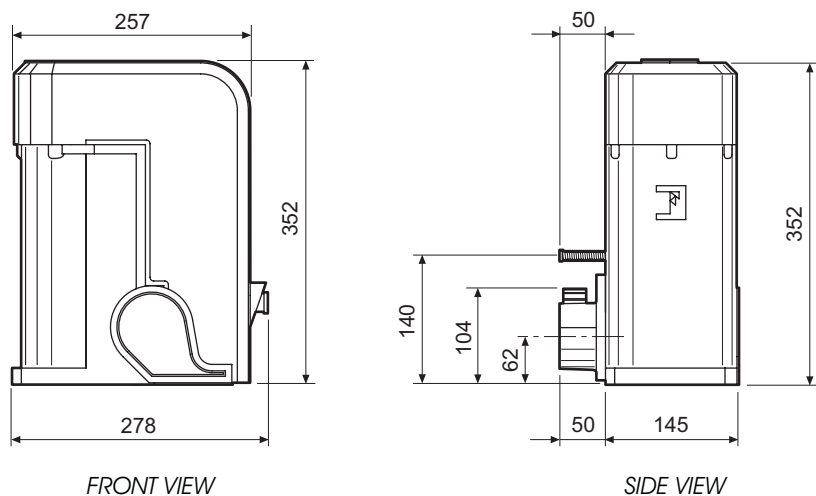


## OVERALL DIMENSIONS



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.

## TECHNICAL SPECIFICATIONS

ELECTRIC MOTORS	Single-phase		Three-phase	
	0.37KW (0.5HP)	0.73KW (1HP)	0.37KW (0.5HP)	0.73KW (1HP)
Power output	0.37KW (0.5HP)	0.73KW (1HP)	0.37KW (0.5HP)	0.73KW (1HP)
Supply voltage	230V	230V	230/400V	230/400V
Frequency	50Hz	50Hz	50Hz	50Hz
Absorbed power	600W	1'130W	575W	1'030W
Absorbed current	3.2A	5.7A	2.1/1.2A	3.7/2.2A
Motor rotation speed	1'380 r.p.m.	1'380 r.p.m.	1'380 r.p.m.	1'380 r.p.m.
Capacitor	30µF	40µF	30µF	40µF
Intermittent service	S5	S5	S5	S5

OPERATOR	Single-phase		Three-phase	
	40Nm	80Nm	40Nm	80Nm
Rated torque	40Nm	80Nm	40Nm	80Nm
Gear rating	1/32	1/32	1/32	1/32
Travel speed	9.6m/1'	9.6m/1'	9.6m/1'	9.6m/1'
Working temperature	-25°C +80°C	-25°C +80°C	-25°C +80°C	-25°C +80°C
Oil type	Oil Fadini - Kg 0.60	Oil Fadini - Kg 0.60	Oil Fadini - Kg 0.60	Oil Fadini - Kg 0.60
Maximum gate weight	500Kg	800Kg	600Kg	1'200Kg
Nyota 115 weight	18.5Kg	20Kg	18Kg	19.5Kg
Protection standard	IP 557	IP 557	IP 557	IP 557

## PERFORMANCE

Service cycle: 25s opening - 30s dwell - 25s closing - 30s 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

ELECTRO-MECHANICAL SLIDING  
GATE OPERATOR WITH BRAKING MOTOR

NYOTA 115

