

# FORT

AUTOMATION  
FOR SLIDING GATES

Life  
made  
easy



# FORT

Technical features



Robust carter with anti UV treatment

Release for manual operation with key and integrated aluminum lever

Die-cast aluminum structure

Stainless steel fixing screw for openings with both screwdriver and wrench. this allows a facilitated installation of the actuator even in the position near the column

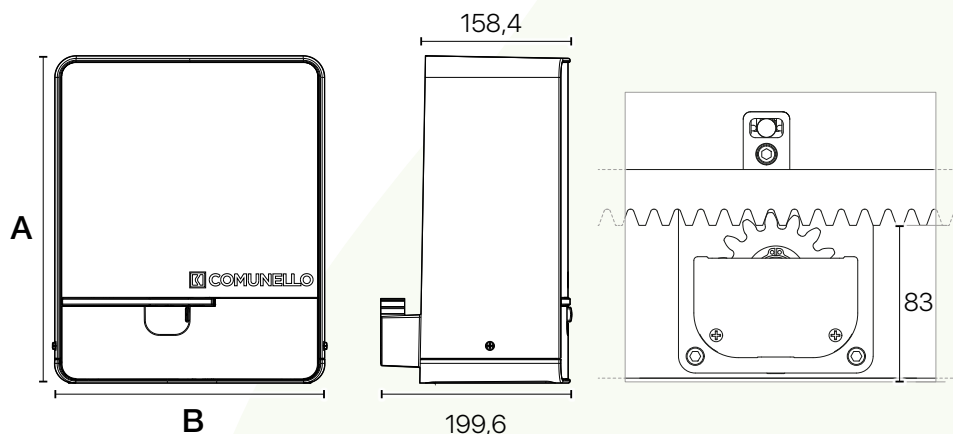
## DIMENSION (mm)

FORT 400-500:

**A=325 - B=237**

FORT 600-800-1000-1500:

**A=345 - B=285**



## GENERAL FEATURES

**Performance:** Mechanical performance and lubrication tested and guaranteed even at low temperatures

**Speed:** Nominal speed and slowdown adjustable up to 0.28 m / s

**Obstacle detection:** Obstacle detection by current absorption or encoder

**Intensive use:** 24vdc version for intensive use

## TECHNICAL FEATURES

	FORT 400 24V FORT 400 ONE	FORT 500 230V	FORT 600 24V FORT 600 ONE	FORT 800 24V FORT 800 ONE	FORT 800 230V	FORT 1000 24V FORT 1000 ONE	FORT 1000 230V	FORT 1500 230V
Voltage	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz
Operating power supply	24 VDC	230 VAC	24 VDC	24 VDC	230 VAC	24 VDC	230 VAC	230 VAC
Power consumption	70 W	280 W	110 W	150 W	320 W	150 W	340 W	460 W
Max. absorption	3,0 A	1,2 A	5,0 A	5,6 A	1,4 A	6,2 A	1,5 A	2,0 A
Internal gear	Nylon	Nylon	Nylon	Bronze	Bronze	Bronze	Bronze	Bronze
Max. thrust	350 N	450 N	550 N	750 N	750 N	900 N	900 N	1400 N
Duty cycle	Intensive use	30%	Intensive use	30%	30%	Intensive use	30%	30%
Protection degree (IP)	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Insulation class	2	1 (earthing)	2	2	1 (earthing)	2	1 (earthing)	1 (earthing)
Working temperature	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C
Max. gate weight	400 Kg	500 Kg	600 Kg	800 Kg	800 Kg	1000 Kg	1000 Kg	1500 Kg
Rack module	M4	M4	M4	M4	M4	M4	M4	M4
Speed	0,26 m/s	0,17 m/s	0,28 m/s	0,28 m/s	0,17 m/s	0,21 m/s	0,17 m/s	0,17 m/s
Weight	8,9 Kg	9,9 Kg	10,6 Kg	12 Kg	12 Kg	12 Kg	12,4 Kg	12,6 Kg

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On-board control unit with integrated receiver. Control boards HP can manage actuators with or without encoder

Every single product is duly tested at the end of each assembly line



Prewired pad printed terminals

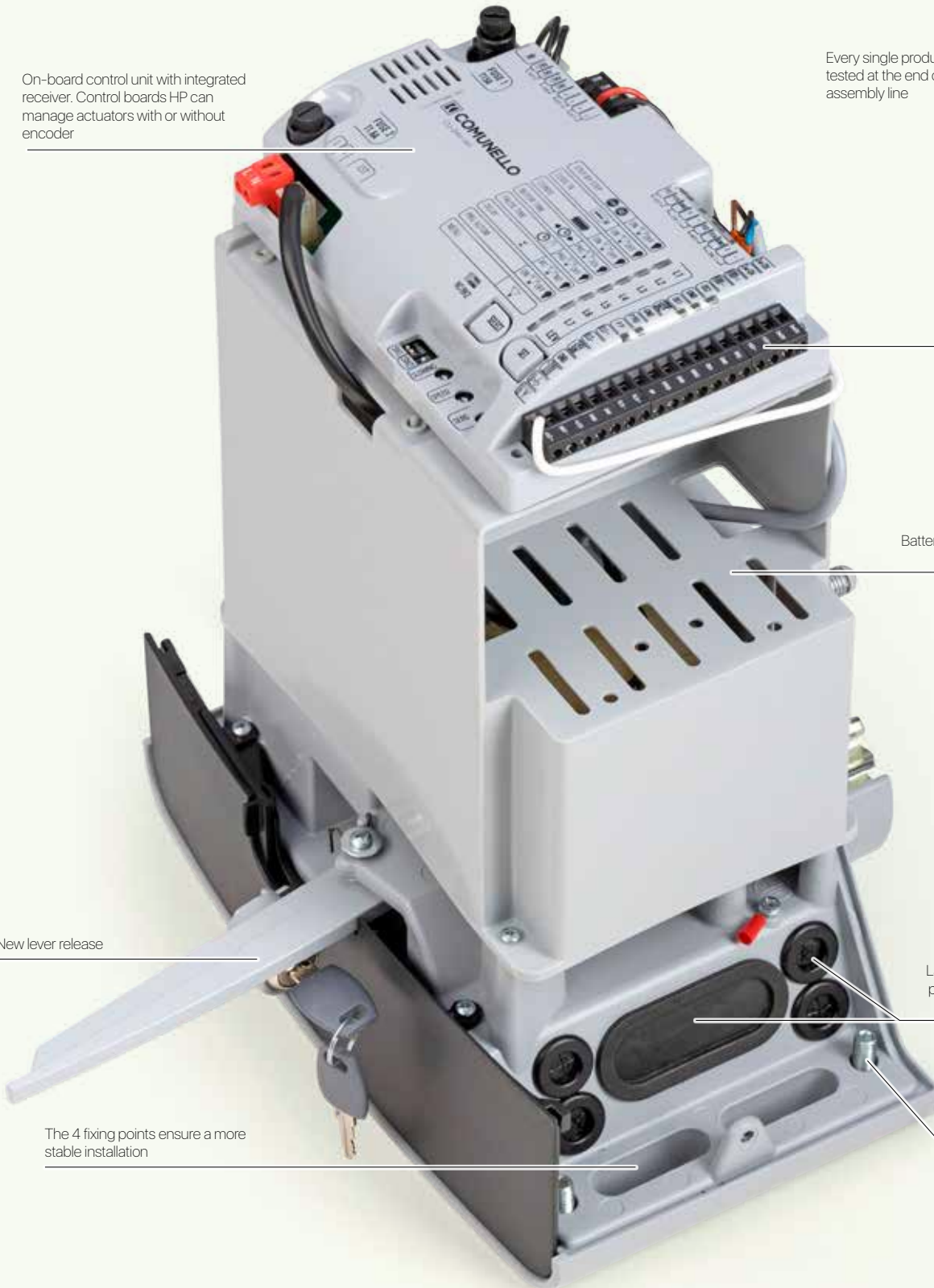
Battery housing for 24V versions

New lever release

Large space dedicated to cable passage with rubber protection against insects

The 4 fixing points ensure a more stable installation

Height and flatness adjustment





Battery housing for 24V versions



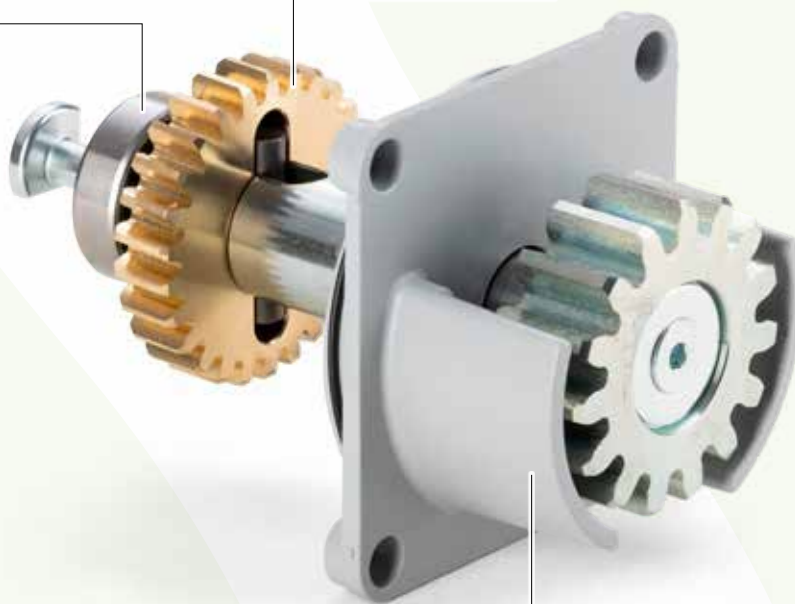
**Mechanical** limit switch version



**Magnetic** limit switch version

Ball bearings with artic grease

Bronze cogwheel  
(FORT 800-1000-1500)



Pinion protection made of die-cast aluminium



OFFICIAL DEALER:

 **COMUNELLO**  
AUTOMATION

AUTOMATION FOR GATES, DOORS AND BARRIERS

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