



AT 86 T / AT 88 T



Automation for
industrial sliding gates.
Intensive use.



AT 88T MOTOR

TECHNICAL DATA

	AT 86T	AT 88T
MAIN POWER SUPPLY	Three-phase 230/400 V - 50/60 Hz	Three-phase 230/400 V - 50/60 Hz
MAX. GATE WEIGHT	kg 2000	kg 4000
PROTECTION DEGREE	IP44	IP44
MOTOR power	1 kW	0,96 kW
MAX: ABSORBED current	1.07 A (at 400 V)	2.6 A (at 400 V)
NO. OF MOTOR/PINION revs g/1'	1400/36	1400/33
DRIVE SPEED m/1'	9	9
PINION MODULE	4 mm	4 mm
OPERATING TEMPERATURE	-15° +60° C	-15° +60° C
LUBRICANT BRAND	API DT SINT 320	API DT SINT 320



These motors are designed to drive very heavy sliding gates. Intended for an intensive use, they guarantee a high degree of reliability

Adjustable dry clutch between the motor and gear unit, for the preservation of mechanical parts in case of obstacles to the movement of the gate.

Toothed pinion suitable for 4 mm rack module. Rack available in 1 m items with adjustment slots and spacers for gate installation. Bidirectional lever mechanical limit stop.

The electromechanical unit consists of a ventilated three-phase motor, coupled to a steel worm screw gear unit and a bronze gear.

Emergency manual operation thanks to a device for trip disengaging mounted on the gear unit, easily operable by rotating the lever.

The gear motor is encased in a stainless steel protective box with ABS inspection door that can be opened with a key.

IDEAL INSTALLATION - AT 86T

ITEM NUMBER	DESCRIPTION	Q.ty
41134/002	AT 86T Three-phase gear motor	1
41615/005	A88E control unit	1
41923/009	RRSE - Unico 433.92 MHz Memory System receiver	1
41929/001	ANT 433 433.92 MHz Antenna	1
41811/001	ER2N Pair of photocells	1
41841/001	ET22 230V flashing light	1
41905/004	TM4 - 433.92 MHz four-channel transmitter	N
41180/053	CZ Module 4 galvanised rack (5 metres with couplings)	1
41830/007	PC12E Wall-mounted key-operated switch	1

NOTE: The same items can be used when installing an AT 88T gear motor.

NOTE: Use of a safety edge is recommended; see section "Control units and Indicators".

N: Based on specific installation requirements

ITEM NUMBER	DESCRIPTION
41134/002	AT 86T - Three-phase gear motor (with foundation plate)
41124/001	AT 88T - Three-phase gear motor (with foundation plate)

ITEM NUMBER	ACCESSORIES
41615/005	A88E Electronic control unit in sealed APRIMATIC container (IP55) with 4 operating modes: automatic, semi-automatic, fast automatic (0.5 sec pause for car park access) and dead-man operation, suitable for a three-phase (230/380 V - 50 Hz) or single-phase (230 V - 50 Hz) operator with max. power 1,200 W (1.5 Hz)
41180/053	CZ - Module 4 galvanised rack (5 metres with couplings)
41850/002	CF1M - Straight safety edge 1.5 m
41850/003	CF2M - Straight safety edge 2 m
41850/004	CF3M - Straight safety edge 3 m

NOTE: The use of a safety edge is recommended.

NOTE: For the available safety and signalling devices and for installation accessories, see section "Control units and indicators" in this catalogue (refer to the initial index).