

# STAR 500

ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES WITH LEAVES UP TO 5 m, 24 Vdc AND 230 Vac



## PLUS

Opening mechanical stop to control your gate movement

Double bearing on the main screw to grant robustness and movement fluidity

Easy mechanical release

Mechanical parts well protected from external agents

Compatible with 24 Vdc control unit 14AB2, (pag. 138 for technical details)

Compatible with 230 Vac control unit CT202, (pag. 143 for technical details)



Robust bronze lock nut on endless screw



Easy mechanical release



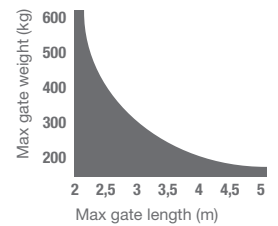
Double bearing on the main screw to grant robustness and movement fluidity

# MODELS

CODE	DESCRIPTION	PCS PALLET
PS-400FA	For swing gates with maximum length 5 m, 230 Vac motor, with opening mechanical stop (1 pc)	25
PS-400FA-R	For swing gates with maximum length 5 m, 230 Vac motor, with opening mechanical stop, reversible (1 pc)	25
PS400-24FA	For swing gates with maximum length 5 m, 24 Vdc motor, with opening mechanical stop, irreversible, with encoder (1 pc)	25

		PS-400FA	PS-400FA-R	PS400-24FA
<b>MECHANICAL DATA</b>				
speed	cm/s	1,4	2,3	2,7
pulling force	N	1800	1300	1400
working cycle	%	30	30	80
opening time at 90°	sec	35	24	25-35
<b>ELECTRICAL DATA</b>				
control board		CT202	CT202	14AB2
power	Vac	230	230	-
	Vdc	-	-	24
consumption	A	1,1	1,1	5
absorbed power	W	250	250	120
capacitor	µF	10	10	-
thermoprotection	°C	150	150	-
<b>GENERIC DATA</b>				
protection degree	IP	44	44	44
dimensions (L - P - H)	mm	995 - 108 - 110	995 - 108 - 110	995 - 108 - 110
weight	kg cad	9,5	9,5	9,5
working temperature	°C	-20 + 55	-20 + 55	-20 + 55
leaves maximum weight	Kg	600	600	600

## LIMIT USE



Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas

## ACCESSORIES



**ELC-C**  
Horizontal 12 V  
electrolock

PC 1



**FC-PS**  
Mechanical  
closing stop

PC 1



**STPOAVS**  
Rear welded  
bracket

PC 1



**STANAV**  
Front welded  
bracket

PC 1



**14AB2**  
Control unit in box  
for two 24 Vdc  
motors

PC 1



**CT202**  
Control unit in box  
for two 230 Vac  
motors

PC 1



**TS**  
Warning board

PC 1