



Platinum  
5 Years  
Warranty

# HALF TANK

Hydraulic swing gate operator  
for condominium use  
for leaf lengths up to max **7 METERS**



PLUS Metal release system with lock (optional for HALF TANK 270)



POSITION GATE  
Absolute Linear  
Encoder (optional)



Round joint for  
stroke adjustment



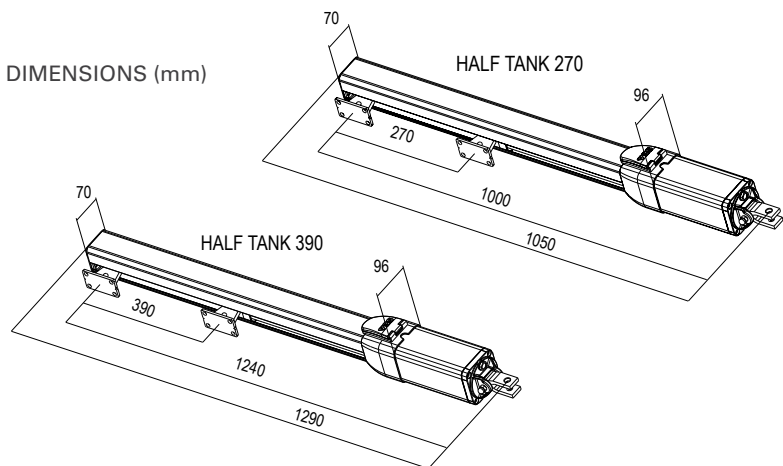
On request versions with  
hydraulic slowdown for  
a smooth approach of  
the leaves in closing

- ▶ Anti crushing guaranteed through by-pass valves for max. thrust setting
- ▶ On request version with hydraulic slowdown only in closing or in opening/closing
- ▶ Standard ball joint on all versions for precise adjustment of the stroke
- ▶ Standard aluminium oscillating back fixing fork
- ▶ Versions: (AC) lock in opening/closing, (SB) without lock, (SC) in closing only, (SA) in opening only
- ▶ 20 mm rod diameter
- ▶ Piston stroke 270 mm or 390 mm
- ▶ Version 390 mm with metal standard release PLUS



## ■ TECHNICAL DATA

DIMENSIONS (mm)



## ■ ACCESSORIES



Adjustable rear bracket to screw  
2 pcs



PROBE  
Kit Probe to manage  
low temperature +  
LE unit + 1,8 m cable



External release with  
box, lock and 2,5 m SS  
cable and joint



Green oil  
(5 liters can)



Kit Positive stops



Cylinder with Din  
Key - 10 encryptions  
(1 pc)



Bracket for  
outwards opening  
L 400 mm (2 pcs)



INOX Back/Front  
brackets Kit



HTLOCKP Metal  
release PLUS with  
joint and DIN lock  
for max. safety



POSITION GATE \*  
KIT Absolute linear  
encoder with extrusion

SPECIFICATIONS	HALF TANK
Power supply	230Vac $\pm$ 5% - 50/60Hz
Motor Power	220 W
Shaft Stroke	270/390 mm
Max Cycles/Hour	55
Working temperature	-40°C / + 60°C
Weight	11,4 / 13,6 Kg
Max leaf length	6,0 / 7,0 m
Opening degrees	90° - 125°
Shaft speed	1 cm/sec - 1,5 cm/sec
Protection class	IP55
Starting capacitor	12,5 $\mu$ F/-
Max thrust	640 daN

## ■ ELECTRONIC CONTROL UNITS

### ■ GATE 2 DG

- Electronic control unit for two 230V operators management



### ■ UNIGATE 2I (INVERTER management)

- Bidirectional and Linear (Position Gate) Encoder management
- Standard limit switch management (LE card is NO longer required)
- Battery management for emergency function
- Power switching from 90Vac to 265V - 2Ah (1.3 Ah for accessories)  
-> the additional Power Supply is no longer necessary
- 2 programmable inputs (GP1 and GP2)
- Programmable timer and integrated UPS
- Connection between Inverter module and module management with USB cable
- 2 programmable output relays (electric lock, traffic light, courtesy light ...) -> SUP device is no longer necessary!
- Verification and control of the accessories charge

### Advantages:

*More Cycles/Hour*

*N.C. inputs protected by 8K2 resistance*

*Amperometric management for inversion in case of obstacle*

*Low temperature in intensive cycle*

*High torque during slowing down*

**UNIGATE - I**  
*INVERTER technology*



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