



FULL TANK

Hydraulic swing gate operator
condominium/industrial use
for leaf lengths up to max. **7 METRI**



Release system
protected by metal
lock with release key
inside



Release with metal
lock protection



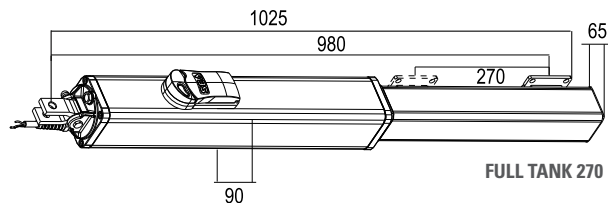
Round joint for
stroke adjustment



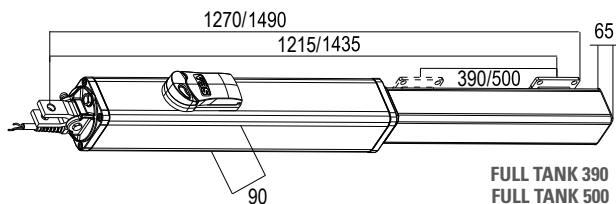
On request versions with
hydraulic slowdown for
a smooth approach of
the leaves in closing

- ▶ Oil lubrication of all mechanical components
- ▶ Anti crushing guaranteed through by-pass valves for max. thrust setting
- ▶ Piston stroke 270 mm or 390 mm
- ▶ Standard aluminium oscillating back fixing fork
- ▶ Hydraulic distributor in solid machined aluminium
- ▶ 20 mm rod diameter

TECHNICAL DATA



FULL TANK 270



FULL TANK 390
FULL TANK 500

DIMENSIONS (mm)

SPECIFICATIONS	FULL TANK
Power supply	230Vac±5% - 50/60Hz
Motor Power	220 W
Shaft Stroke	270/390 mm
Max duty cycles	100% (UNIGATE)
Working temperature	-20°C /+ 55°C
Weight	12,8 / 15,2 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	12,5µF/-
Max thrust	640 daN

ACCESSORIES



Adjustable back bracket to screw
y2 pcs



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



Absolute Linear Encoder



Green oil
(5 liters can)



Nylon mechanical stops in opening



Cylinder with Din Key - 10 encryptions (1 pc)



Bracket for outwards opening L 400 mm (2 pcs)



INOX Back/Front brackets Kit



Kit Positive stops

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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