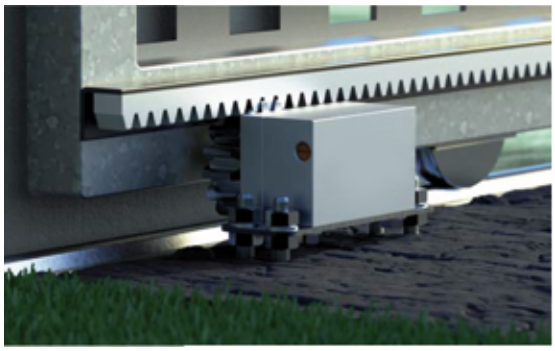
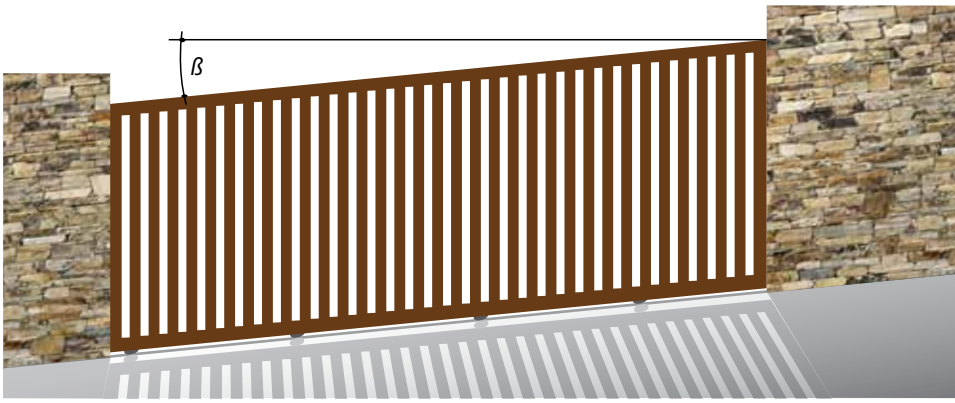
"Parachute" brakes for sloping sliding gates

NEW

MADE IN SPAIN

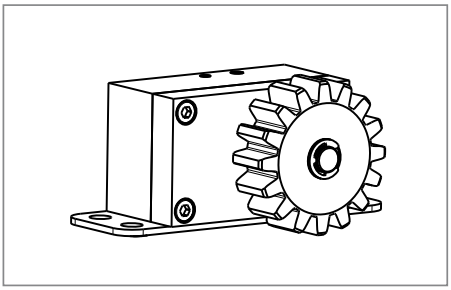




The CONTROLGIR line is indispensable for standardization in the presence of sliding gates on a slope (it is necessary for there to be a rack). In case of unlocking of the automation gear motor, the internal hydraulic circuit (adjustable) has the function of "parachute," that is, to regulate the downward speed throughout the gate's travel. The operating speed should be adjusted just above that of the gearmotor so that it does not interfere with the automation.

CONTROLGIR-7

Braking system for sloping sliding gates - maximum slope 3,2° (7 Mn)



APE - 147 / 4004
Parachute break 3,2° - 7Nm

TECHNICAL DATA

M (required resistant moment): 7 Nm
Rack pitch: M4
Gate weight: 400 Kg (3920 N)
Slope: 3,2° MAX

Formula:
M [Nm] = P x sinß x 0,032
P = gate weight in Newtons (9.8N=1Kg)
sinß = sine of the tilt angle (ß= tilt in degrees)
P = 9.8 x 400kg = 3920 Newton
M = 3920 Newton x sin 3.2 x 0.032 = 7 Nm

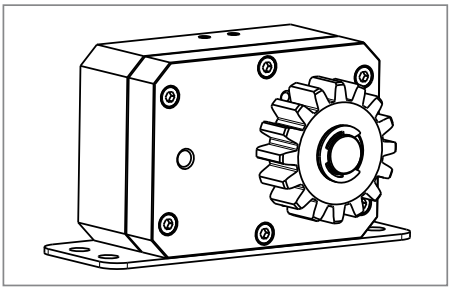
Send us the following technical data of your installation:

- **Gate weight**
- **ß= angle of inclination/slope**
- **Module of the rack pitch**

We will take care of the calculation!

CONTROLGIR-30

Braking system for sloping sliding gates - maximum slope 13,9° (30 Nm)



APE - 147 / 4009
Parachute break 13,9° - 30Nm

TECHNICAL DATA

M (required resistant moment): 30 Nm
Rack pitch: M4
Gate weight: 400 Kg (3920 N)
Slope: 13,9° MAX

Formula:
M [Nm] = P x sinß x 0,032
P = gate weight in Newtons (9.8N=1Kg)
sinß = sine of the tilt angle (ß= tilt in degrees)
P = 9.8 x 400kg = 3920 Newton
M = 3920 Newton x sin 13.9 x 0.032 = 30 Nm