

# Thor

## For sliding gates weighing up to 1500Kg.

Irreversible electromechanical gear motor, surface mounted.

**Version with incorporated control unit** 230Vac (TH1551), **and without incorporated control unit** 380Vac three-phase (TH1561).

**Long-lasting and quiet:** metal and bronze alloy gears.

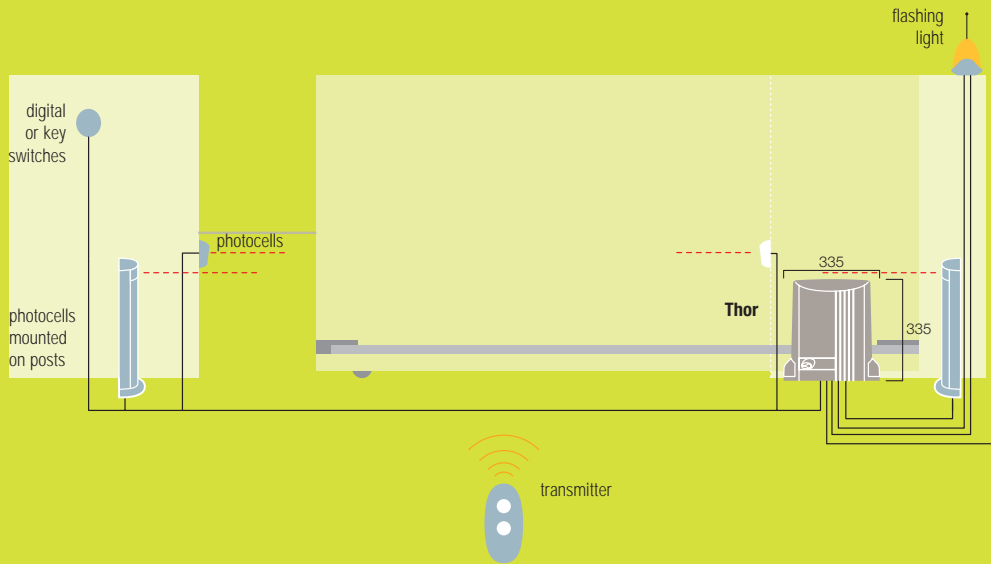
**Functionality and safety:** **programmable, electronic brake** which prevents gate inertia; **ventilated motor** to increase work cycle efficiency; **optional PIU board** for expanding basic functions; **slowdown possible.**

**Recommended control unit** for TH1561: Mindy A500.



| Code          | Description  | Pack/pallet |
|---------------|--|-------------|
| <b>TH1551</b> | irreversible, 230Vac with built-in control unit, electronic clutch | 16          |
| <b>TH1561</b> | irreversible, 380Vac, without control unit,                        | 16          |

| Technical specifications |              | TH1551      | TH1561 |
|--------------------------|--------------|-------------|--------|
| Power                    | (Vac 50Hz)   | 230         | 380    |
| Current absorbed         | (line) (A)   | 3.5         | 1.2    |
| Power absorbed           | (W)          | 650         | 700    |
| Incorporated capacitor   | (µF)         | 30          | -      |
| Protection level         | (IP)         | 44          |        |
| Torque                   | (Nm)         | 30          | 60     |
| Speed                    | (m/s)        | 0.16        |        |
| Max thrust               | (N)          | 800         | 1000   |
| Max gate weight          | (Kg)         | 1500        |        |
| Working temp.            | (°C Min/Max) | -20 ÷ +50   |        |
| Thermal cut-out          | (°C)         | 140         |        |
| Insulation class         |              | 1           | F      |
| Work cycle               | (%)          | 40          | 50     |
| Dimensions               | (mm)         | 335x335x203 |        |
| Weight                   | (Kg)         | 13          | 12.5   |



Approximate draft

**Accessories**



**THA1**  
die-cast aluminium casing



**PIU**  
expansion card for control unit  
Pc/pack 1



**THA5**  
spare control unit, only card,  
for TH1551



**ROA7**  
M4 rack, zinc coated,  
22x22x1000mm  
Pc/pack 10



**ROA8**  
M4 rack, 30x8x1000mm,  
zinc coated with spacers  
and screws  
Pc/pack 10



**TS**  
signboard  
Pc/pack 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason.