

Jet

Automation for swing gates with leaves up to 3 m - 600 Kg

DESIGN AND TECNOLOGY

Designed to enhance any sort of gate, it fits into any setting. The elegant, wrap-around line of the two die cast aluminium shells makes Jet an original example of Italian-made creativity.

Thanks to the extractable connector, installation and maintenance are quick and easy.

The capacitor is built into the reduction gear and the regulating limit switches allow quick adjustment of travel.

The heart of Jet is the mechanical transmission, designed without cutting any corners to ensure the utmost reliability and to allow a range of use that's wider than the standard. All of the components turn on ball bearings which eliminate friction and noise.

The use of steel and bronze ensures duration and reliability even in severe conditions.

The manual-release handle is made of die cast aluminium with personalized key and ABS lock cover. It is located on the upperpart of the reduction gear to allow immediate, practical use with minimum effort.

ELECTRONIC CONTROL

Star 2230 and Star 224 are the control units for Jet automation. They simplify the job of the installer ensuring high performance in terms of safety, durability and speed.

A sole hardware speeds up the commissioning of automation management and maintenance becomes simple and practical. The plastic box, spare fuses and the removable memory card are some examples of functionality and design of this reliable and innovative product.

The software technology PWM (Pulse width modulation) in the 24 Vdc control units and the Cycle Set Up system in the 230 Vac control units ensure maximum safety in case of obstacles and allow to adjust the gate speed in opening and closing.



1.



2.



3.

1. EXTRACTABLE CONNECTOR

it simplifies installation and maintenance operations

2. STRONG MECHANICAL TRANSMISSION

made of steel and bronze, for the utmost duration and reliability

3. MANUAL-RELEASE HANDLE

is made of die cast aluminium with personalized.


JET - TECHNICAL DATA

| Code | | JET 230 F | JET 230 S | JET 24 |
|------------------------|-----------|-------------|-----------|---------------|
| Motor supply | (Vac/Vdc) | 230 | | 24 |
| Power | (W) | 200 | 170 | 50 |
| Speed | (m/sec) | 0.016 | 0.01 | 0.013 ÷ 0.016 |
| Run | (mm) | 360 | | |
| Protection level | (IP) | 44 | | |
| Automation weight | (kg) | 8 | | 7 |
| Max length of the gate | (m) | 3 | | |
| Max weight of the gate | (kg) | 600 | | |
| Cycle of work | (%) | 30 | | 90 |
| Dimensions operators | (mm) | 100x110x820 | | |
| Operating temperature | (°C) | -20 ÷ +55 | | |

Jet

AUTOMATION - AVAILABLE VERSIONS

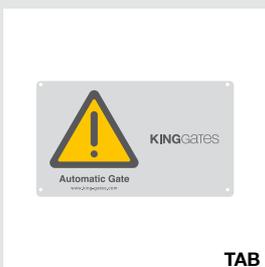
| Code | Motor | Mechanical stop | Fixing kit | Protective brushes | Wing max dimensions |
|---------------|---------|-----------------|------------|--------------------|---------------------|
| Jet 230 F | 230 Vac | • (1) | • | | 3 m; 600 kg |
| Jet 230 S | 230 Vac | • (1) | • | | 3 m; 600 kg |
| Jet 24 | 24 Vdc | • (1) | • | | 3 m; 600 kg |
| Jet 230 F TOP | 230 Vac | • (2) | • | • | 3 m; 600 kg |
| Jet 230 S TOP | 230 Vac | • (2) | • | • | 3 m; 600 kg |
| Jet 24 TOP | 24 Vdc | • (2) | • | • | 3 m; 600 kg |

Jet Kit

KIT - AVAILABLE VERSIONS

| Code | JET 230 | JET 24 | STAR 2230 BOX | STAR 224 BOX | STYLO 4K | IDEA PLUS | VIKY 30 | NOVO LT 24 PLUS | NOVO PH 180 | TAB | Wing max dimensions |
|----------------|---------|--------|---------------|--------------|----------|-----------|---------|-----------------|-------------|-----|---------------------|
| Jet Kit 230 | • (2) | | • | | • (2) | • | • | | | • | 3 m; 600 kg |
| Jet Kit 230 LT | • (2) | | • | | • (1) | | • | | | | 3 m; 600 kg |
| Jet Kit 24 | | • (2) | | • | • (2) | • | • | | | • | 3 m; 600 kg |
| Jet Kit 24 LT | | • (2) | | • | • (1) | | • | | | | 3 m; 600 kg |
| Jet Kit 24 NV | | • (2) | | • | • (2) | | | • | • | • | 3 m; 600 kg |

24 V version also available for markets with 110 V mains power supply



ACCESSORIES



STP
Rear screw-on bracket
(pcs./package 2)



STP 02
Rear vertical screw-on
bracket (pcs./package 2)



STA
Front screw-on bracket
(pcs./package 2)



STL
Rear bracket, length =
220mm (pcs./package 2)



BK 01
Mechanical limit switch
(pcs./package 2)



BK 02 TOP
Mechanical limit switch
for Jet Top (pcs./package 2)



CJ 230
Cabled connector for Jet 230.
(Cable length = 1.2m)



CJ 24
Cabled connector for Jet 24.
(Cable length = 1.2m)



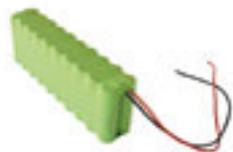
LOCK HO
Horizontal
electro lock 12 V



LOCK VE
Vertical
electro lock 12 V



SELC 100
Card for electrical lock



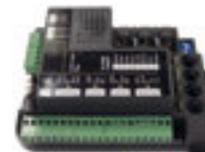
BAT M 016
24 V 1.6 Ah battery



BAT K2
Battery charge card
for BAT M016



STAR 224 KG
Spare control unit for Star
224 box with MEMO 200
and plastic protection



STAR 2230 KG
Spare control unit for Star
2230 box with MEMO 200
and plastic protection

INSTALLATION DIAGRAM

- Basic installation**
1. Operators Jet
 2. Transmitter
 3. Photocells mounted on posts
 4. Photocells
 5. Flashing light
 6. Control unit
 7. Key or digital switch

