

# Comfort ST5024E



## Article

Item no.	Description
178377	<b>Comfort ST5024E</b> Operator for swing gates up to 5.0 m: 24 V DC motor, 1,400 N, 2.7 cm/s, 122°, with encoder

## Scope of delivery

- Motor unit, pre-wired, 500 mm (2x1.5 and 3x0.5 mm<sup>2</sup> required)
- Gate and angle bracket for welding

## Features

### Comfort ST5024E

#### Features

- Current-dependent obstacle detection - no active closing edge protection necessary
- Built-in encoder for maximum precision
- Mechanical end stop in end position CLOSED necessary
- Mechanical stop in OPEN for end position control
- Driver on spindle with double bearings for maximum smooth running
- Robust metal gearbox
- Very quiet mechanism
- All mechanical parts protected against weather influences
- Sturdy and UV-resistant plastic housing
- Gate and pillar angle for easy motor installation

- Lockable unlocking device

## Technical data

---

### Comfort ST5024E

- Encoder: Yes
- Continuous sound pressure level (max.) [dB(A)]: 70
- Connection type: Conventional
- Protection class: IP44
- Width gate wing (max.) [m]: 5
- Height gate wing (max.) [m]: 2
- Weight of gate leaf (max.) [kg]: 600
- Gradient (max.) [%]: 0
- Temperature (min.) [°C]: -20
- Temperature (max.) [°C]: 55
- Temperature (min./max.) [°C]: -20/55
- Temperature (min.) [°F]: -4 °F
- Temperature (max.) [°F]: 131 °F
- Push and pull force (max.) [N]: 1,400
- Operating mode (duty cycle): S2 - 8 min
- Motor power [kW]: 0.12
- Running speed (max.) [cm/s]: 2.7
- Opening angle (max.) [°]: 122
- Operating voltage [V]: 24 V-DC
- Operating voltage type: Direct current
- Motor voltage [V]: 24 V-DC
- Rated current [A]: 5
- Width [mm]: 108
- Height [mm]: 110
- Depth [mm]: 995
- Depth (min.) [mm]: 995
- Depth (max.) [mm]: 995
- Movement stroke (max.) [mm]: 490
- Weight [kg]: 9.5
- Garantie: 5 years

## Accessories

---

Item no.	Description
178402	STPOAVS Pillar bracket

Item no.	Description
178403	<b>STANAV</b> Gate bracket
178461	<b>CBX20224H</b> Control for up to 2 24 V-DC operators for swing gates, with integrated radio receiver 868 MHz bi.linked and 230 V-AC transformer in housing
178466	<b>EXRB</b> Angle extension for opening to the outside
178404	<b>FC-PS</b> Mechanical end stop in direction CLOSE
178391	<b>ELS-C</b> 12 V-DC electric lock for pillar locking from a wing span of 2.5 m
178403	<b>STANAV</b> Gate bracket
178402	<b>STPOAVS</b> Pillar bracket
178466	<b>EXRB</b> Angle extension for opening to the outside
178404	<b>FC-PS</b> Mechanical end stop in direction CLOSE
178391	<b>ELS-C</b> 12 V-DC electric lock for pillar locking from a wing span of 2.5 m

## Technical drawings

### Comfort ST5024E

