

## VTA 14-61

### **Our commercial door drive with direct current technology**

Discover our VTA – the first model of a new generation of high-quality commercial door drives with direct current. The sectional door drive with DC motor guarantees a high level of safety through power cut-off and high-quality components that make the product durable. Thanks to its DC technology, you can easily commission it anywhere in the world.

The VTA can be easily and inexpensively equipped with a battery back-up. In an emergency, the drive can be operated via a chain, a crank, or an unlocking device. This guarantees operational safety at all times. In addition, the drive system is compact, visually appealing, and easy to install.

The drive has an integrated control that can operate most applications.

### **Features and benefits**

- No active closing edge safety device required for doors up to 14 m<sup>2</sup>
- Force limitation in the “open” and “closed” directions
- Soft Start and Soft Stop protect the door and reduce repair costs without the use of frequency converters
- Intelligent running enables movement with high closing speed beyond the standard measuring height
- Easy parameterization of variable speeds
- Integrated digital limit switches
- Temperature range from -20 °C to +60 °C
- 20 cycles per hour, even at an

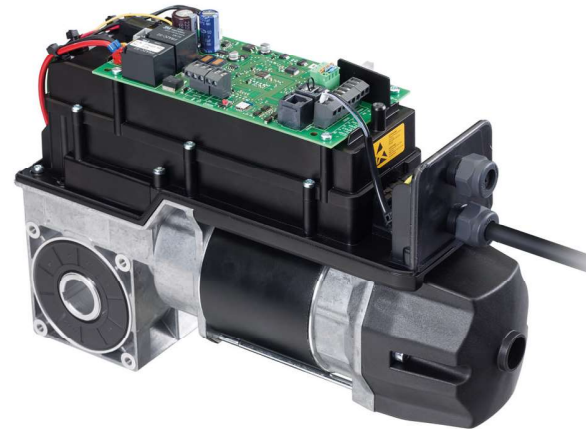
ambient temperature of +60 °C

- Static holding torque of 400 Nm of the STA04 gearbox – nothing can fall down if a load-bearing door element breaks/is defective.
- IP54

### **VTA for all cases**

In addition to the VTA 14-61 we supply even more powerful models based on our STA01 gear units and extending the range of applications for sectional door operators with DC motor technology. Whether for larger and heavy doors, with double running speed or rail-guided installations: We always have the right DC drive solution for you.

# Sectional Door Drives with Direct Current

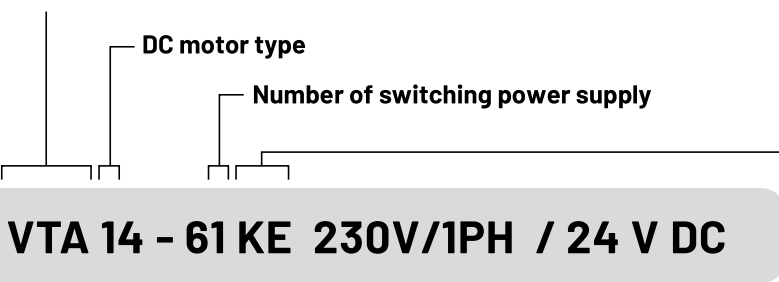


**Product name**

VTA | 1-PH drive

**DC motor type**

**Number of switching power supply**



**VTA 14 - 61 KE 230V/1PH / 24 V DC**

**Type of emergency operation**

KU	Emergency hand crank
KE	Emergency hand chain
E	Quick release
E/KE	Emergency hand chain with maintenance release
E/KU	Emergency hand crank with maintenance release

**Gear size index**

**Transmission**

Transmission ratio to motor speed  
i60 = 24 rpm

	<b>Drive torque</b>	<b>Nominal speed</b>	<b>Operating voltage</b>	<b>Voltage control</b>	<b>Motor performance</b>	<b>Hollow shaft</b>	<b>Emergency operation</b>	<b>Door weight</b>	<b>Door size</b>
	Nm at 50 Hz	min-1 at 50 Hz	V	V DC	kW	mm		max. kg	m <sup>2</sup>
VTA 14-61	25	24	85-265	24	0.3	25.4	E KE KU	234	18
VTA 11-32	20	45	85-265	24	0,3	25,4	E KE KU E-KE E-KU	234	18
VTA 11-62	35	24	85-265	24	0,3	25,4*	E KE KU E-KE E-KU	325	25
VTA 11-72	45	19	85-265	24	0,3	25,4*	E KE KU E-KE E-KU	364	28
VTAI 11-32	20	45	85-265	24	0,3	25,4	E KE KU E-KE E-KU	234	18

\*Other hollow shaft on request