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Rechtliches:
Amtsgericht Ibbenbüren
USt-ID-Nr.:
DE 125543036

Overview

EWA 50.0505 Electric drive 50 Nm 4,5 rpm We06 400V 50Hz

Lock GmbH

Product number: 31147747



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Description

- **Type:** EWA 50.0505 – Electric drive with worm gear
- **Model number:** 12508.0505.1205
- **Torque:** 50 Nm
- **Speed:** 4.5 rpm
- **Voltage:** 400 V, 3~ (three-phase AC), 50 Hz
- **Power:** 0.25 kW
- **Current consumption:** 0.65 A
- **Weight:** approx. 17.2 kg
- **Duty cycle:** S3–40%
- **Protection rating:** IP55
- **Temperature range:** –5 °C to +60 °C
- **Gear system:** Self-locking double worm gear
- **Limit switch:** END20.20 (integrated)
- **Shaft:** We06

The electric drive **EWA 50.0505**, model number **12508.0505.1205**, is designed for intermittent operation according to **duty cycle S3–40%**. It delivers a constant torque of **50 Nm** at a speed of **4.5 rpm** and operates on **400 V three-phase AC**.

The integrated **double worm gear** is self-locking, enabling secure positioning without backdriving.

The **We06 shaft**, with a length of **280 mm**, is built directly into the drive and is especially suitable for compact installations with limited space. It ensures reliable power transmission in minimal mounting space.

The **END20.20 limit switch** is **factory-integrated** and precisely matched to the motor. It enables accurate and safe end-position shutoff without additional installation effort.

With a **protection rating of IP55**, the drive is safeguarded against dust and water jets. The permissible ambient temperature range is between **–5 °C and +60 °C**.

This drive is ideal for greenhouse applications, particularly for controlling ventilation and shading systems.

Note: The EWA 50.0505 replaces the EWA 10.0505 (12210.0505.06).

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Product information

Drive shaft:	Round shaft (06)
Phase(s):	3
Revolutions per minute:	4,5
Torque (Nm):	50
Voltage (V):	400