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

Overview

EWA 52.2505 Electric drive 250 Nm 4,4 rpm We06 400 V

Lock GmbH

Product number: 31147753



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Description

- **Type:** EWA 52.2505 – Electric drive with worm gear
- **Model number:** 12528.2505.1205
- **Torque:** 250 Nm
- **Speed:** 4.4 rpm
- **Voltage:** 400 V, 3-phase, 50 Hz
- **Power:** 0.52 kW
- **Current draw:** 1.20 A
- **Weight:** 27.7 kg
- **Design:** We06
- **Protection class:** IP55
- **Duty cycle:** S3–40% (intermittent)
- **Temperature range:** –5 °C to +60 °C
- **Limit switch:** END20.20
- **Application:** Ventilation and shading systems in greenhouses

The **Lock EWA 52.2505**, model number **12528.2505.1206**, is a powerful and durable electric drive unit designed for demanding applications in greenhouse ventilation and shading systems. With a torque of 250 Nm and a controlled speed of 4.4 rpm, it ensures precise and reliable motion control—even under heavy loads.

Its self-locking double worm gear provides secure positioning without the need for additional braking mechanisms. The compact **We06** design allows for flexible integration into existing setups, while the **IP55 protection rating** ensures safe operation in humid or dusty environments. The **S3–40%** duty cycle makes it ideal for cyclical movement patterns typical in greenhouse automation.

This maintenance-free drive is engineered for maximum service life, minimal downtime, and high operational safety—making it a trusted solution for professional greenhouse control systems.

Note: This gear motor replaces the Lock EWA 12.2505 (12212.2505.06).

Product information

Drive shaft:	Round shaft (06)
Phase(s):	3
Revolutions per minute:	4,4
Torque (Nm):	250
Voltage (V):	400