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Overview

EWA 52.2505 Electric drive 250 Nm 4.4 rpm We66 400V 50Hz

Lock GmbH

Product number: 31147746



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Description

- **Type:** EWA 52.2505 – Electric drive with worm gear
- **Model number:** 12528.2505.3205
- **Torque:** 250 Nm
- **Speed:** 4.4 rpm
- **Voltage:** 400 V, 3~ (three-phase AC), 50 Hz
- **Power:** 0.52 kW
- **Current consumption:** 1.20 A
- **Weight:** approx. 28.4 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:** We66

The electric drive **EWA 52.2505**, model number **12528.2505.1232**, is designed for intermittent operation according to **duty cycle S3–40%**. It delivers a constant torque of **250 Nm** at a speed of **4.4 rpm** and operates on **400 V three-phase AC**.

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

The **We66 shaft**, with a length of **385 mm**, is built into the drive and designed for applications requiring extended stroke or larger structural setups. It offers enhanced flexibility in positioning and power transmission.

The **END20.20 limit switch** is **factory-integrated** and matched to the motor. It ensures reliable shutoff at end positions and protects the system from overrun.

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 Lock EWA 52.2505 replaces the previous model Lock EWA 12.2505 (12212.2505.66).