Fiberlane LLC.
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Overview

EWA 50.0905 Electric drive 90 Nm 4.5 rpm We06 400V 50Hz

Lock GmbH

Product number: 31147748



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Description

- **Type:** EWA 50.0905 – Electric drive with worm gear
- **Model number:** 12508.0905.1205
- **Torque:** 90 Nm
- **Speed:** 4.5 rpm
- **Voltage:** 400 V, 3~ (three-phase AC), 50 Hz
- **Power:** 0.33 kW
- **Current consumption:** 0.90 A
- **Weight:** approx. 18.4 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:** We06

The electric drive **EWA 50.0905**, model number **12508.0905.1205**, is designed for intermittent operation according to **duty cycle S3–40%**. It delivers a constant torque of **90 Nm** at a speed of **4.5 rpm** and operates on **400 V three-phase AC**.

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

The **We06 shaft**, with a length of **280 mm**, is directly built into the drive and is ideal for compact installation scenarios with limited space. It ensures reliable power transmission while minimizing installation footprint.

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

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

This drive is well-suited for greenhouse applications, particularly for controlling ventilation and shading systems.

Note: The Lock EWA 50.0905 replaces the Lock EWA 10.0905 (12210.0905.06)

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Product information

Drive shaft:	Round shaft (06)
Phase(s):	3
Revolutions per minute:	4,5
Torque (Nm):	90
Voltage (V):	400

All prices excl. VAT plus shipping costs and possible delivery charges, if not stated otherwise.