Fiberlane LLC.
9254 Richmond Road
US - 18013 - Bangor, PA
USA

Contact:
Telefon: +1 610 498 4474
Fax: +1 610 498 2602
E-Mail:
info@fiberlanellc.com

Overview

EWA 50.1505 Electric drive 150 Nm 4.5 rpm We06 400V 50Hz

Lock GmbH

Product number: 31147750



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Description

- **Type:** EWA 50.1505 – Electric drive with worm gear
- **Model number:** 12508.1505.1205
- **Torque:** 150 Nm
- **Speed:** 4.5 rpm
- **Voltage:** 400 V, 3-phase, 50 Hz
- **Power:** 0.46 kW
- **Current draw:** 0.94 A
- **Weight:** 18.4 kg
- **Design:** We06 (WL 280 mm)
- **Protection class:** IP55
- **Duty cycle:** S3–40% (intermittent)
- **Temperature range:** –5 °C to +60 °C
- **Application:** Ventilation and shading systems in greenhouses

The **Lock EWA 50.1505** with model number **12508.1505.1205** is a premium electric drive unit designed for automated ventilation and shading systems in greenhouses. Its self-locking double worm gear ensures precise positioning without overrun—ideal for demanding control applications.

With a torque of 150 Nm and a controlled speed of 4.5 rpm, the drive delivers smooth and powerful motion even under heavy loads. The compact design allows for flexible integration into existing systems, while the robust IP55-rated housing ensures reliable operation in challenging environments.

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

Engineered for intermittent operation (S3–40%), the EWA 50.1505 is well-suited for cyclical ventilation tasks. Its wide temperature tolerance from –5 °C to +60 °C makes it resilient to seasonal fluctuations.

As part of Lock’s premium range, this drive stands out for its exceptional durability, quiet performance, and maintenance-free operation. A long-lasting solution for professional greenhouse automation with minimal downtime and maximum reliability.

Product information

Drive shaft:	Round shaft (06)
Phase(s):	3
Revolutions per minute:	4,5
Torque (Nm):	150
Voltage (V):	400

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