

Efka[®]

motion by innovation



Expertise in
Drive Technology
and Automation



Energy efficient
RoHS compliant
ECO-friendly
easy to use - simply good

WWW.EFKA.NET

AB610A
AB611A

Efka[®]

Frankl & Kirchner GmbH & Co KG
Antriebs- und Steuerungstechnik
Drives and Control Systems

AB610A / AB611A

- Useful for light (DC1500) and heavy-duty (DC1550) sewing applications
- Digital programming directly on the control box
- Programmable maximum rotational speed, acceleration and braking curves
- Operating hours counter
- Machine operating time monitoring with optical indicator when service required

- Flash technology, no Eprom
- Connection for USB memory stick
- Universal mounting above or below the tableboard (undertable mounting set as special accessories)
- Operates with V belt or timing belt (different transmission ratios possible)
- Pedal actuation using EB401 analog actuator

AB610A

- The ideal positioning drive for simple sewing machines
- Programmable for unpositioned stop as replacement for lever stop motors
- Programmable for two stop positions and soft start function
- Up to 80% energy savings in comparison with clutch motors

AB611A

- Universally usable for sewing machines with foot lift and thread trimm:

Lockstitch - Pfaff, Dürkopp Adler, Brother, Juki, Singer, and other brands

Lockstitch (medium to heavier duty) - Dürkopp Adler, Pfaff, Juki, Brother, and other brands

Chainstitch - All brands

Overlock - All brands

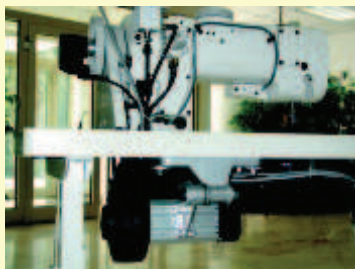
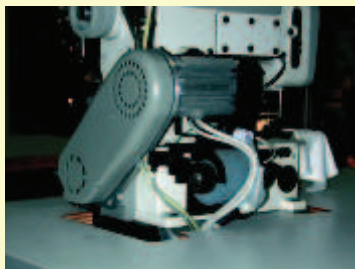
Backlatch - Pegasus, Yamato

Adapter cords for various sewing machine brands are available

- Programmable light barrier functions
- 6 short-circuit proof signal outputs with overload protection
- 7 individually programmable switch inputs
- Separate knee switch connection for KN19

Direct Mounting

Undertable Mounting



- Direct mounting kits available for Pegasus EX/EXT, W500/W600, W1500, W2600, M700

Standard Accessory



EB401

External actuator

Special Accessory



HSM001

Position sensor

Special Accessory



IPC001

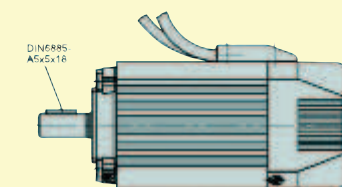
Pulse encoder

Special Accessory

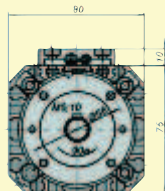
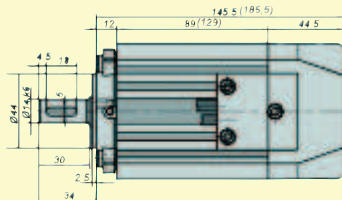


LSM002

Light barrier module

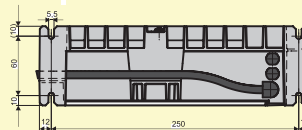
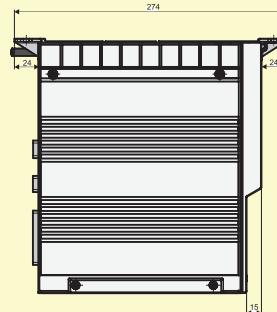
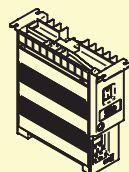


DC1500 (DC1550)



Weight of motor:
DC1500 - 2.125 kg
DC1550 - 3.120 kg

KL2912



Weight of control:
2.46 kg

KL2569

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