



motion by innovation

Expertise in
Drive Technology
and Automation

AB610A
AB611A
AB620A



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

compact servo
Series 600



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

www.premelectroavtomat.ru

WWW.EFKA.NET

AB610A / AB611A / AB620A New

- Useful for light (DC1200) and heavy-duty (DC1250) 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

Direct Mounting



Undertable Mounting



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

AB611A

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

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 (7 - AB620A) short-circuit proof signal outputs with overload protection
- 7 individually programmable switch inputs
- Separate knee switch connection

AB620A

New

Additional function backtack, stitch condensing, chain suction, high lift for walking foot and connector for Variocontrol V810 / V820

Standard Accessory



EB401

External actuator



HSM001

Position sensor

Special Accessory



IPC001

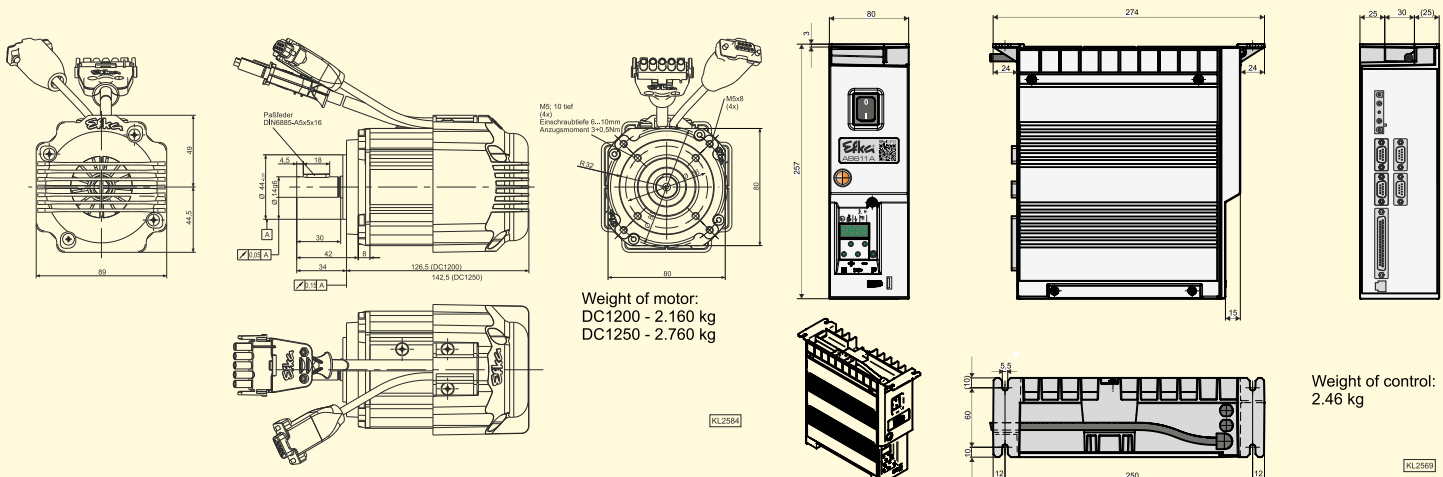
Pulse encoder

Special Accessory



LSM002

Light barrier module



efka

FRANKL & KIRCHNER GMBH & CO. KG
SCHEFFELSTRASSE 73 • 68723 SCHWETZINGEN
Tel.: 06202 2020 • Fax: 06202 202115
E-Mail: info@efka.net • www.efka.net

efka
www.promelectroavtomat.ru

OF AMERICA, INC.
3715 NORTHCREST ROAD SUITE 10
ATLANTA, GEORGIA 30340
Phone: +1 (770) 457-7006 Fax: +1 (770) 458-3899
E-mail: efkausa@efkausa.comcastbiz.net

efka

ELECTRONIC MOTORS SINGAPORE PTE. LTD.
67, AYER RAJAH CRESCENT 05-03
SINGAPORE 139950
Phone: +65 67772459 Fax: +65 67771048
E-mail: efkaems@efka.net