



motion by innovation

Expertise in
Drive Technology
and Automation

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.EFKA.NET

AB611A / AB620A

- 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

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

Additional functions:

- **Backtack, stitch condensing, chain suction, high lift for walking foot**
- **Connector for Variocontrol V810 / V820 + V800 / V860**

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

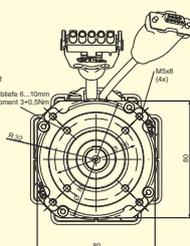
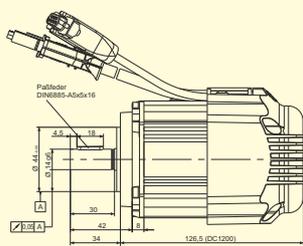
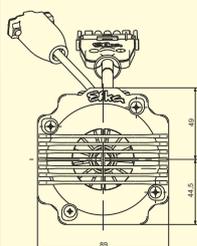
Pulse encoder

Special Accessory

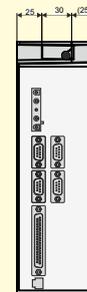
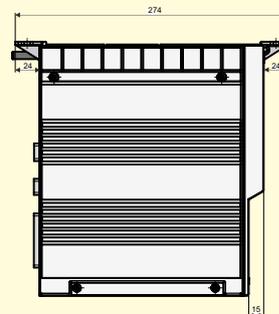


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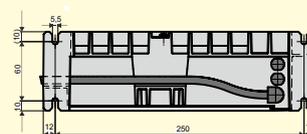
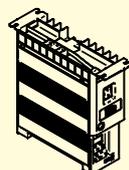
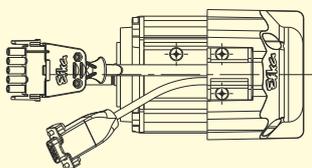
Light barrier module



Weight of motor:
DC1200 - 2.160 kg
DC1250 - 2.760 kg



Weight of control:
2.46 kg



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