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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.559**

**for**

**EB29**

**Type Certificate Holder:**  
**Binder Motorenbau GmbH**  
Alter Frickenhäuser Weg 15  
D-97645 Ostheim/Rhön  
GERMANY

For models: EB29  
EB29D  
EB29DE  
EB29DR  
EB29R



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|                                      |                                |  |                                |
|--------------------------------------|--------------------------------|--|--------------------------------|
| Type Certificate Holder <sup>1</sup> | <b>Binder Motorenbau GmbH</b>  | Aircraft Type Designation <sup>1</sup> | <b>EB29</b>                    |
| Engine Manufacturer <sup>1</sup>     | <b>Solo Kleinmotoren GmbH</b>  | Engine Type Designation <sup>1</sup>   | <b>2625 02</b>                 |
| Noise Certification Basis            | <b>ICAO Annex 16, Volume I</b> | Edition / Amendment                    | <b>5 Edition / Amendment 9</b> |
|                                      |                                | Chapter <sup>1</sup>                   | <b>10 (10.4b)</b>              |

| EASA Record No. | Propeller Manufacturer <sup>1</sup> | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off mass <sup>1</sup> (kg) | Take-off dB(A)     |             | See Note |
|-----------------|-------------------------------------|---|---|---|--------------------|-------------|----------|
|                 |                                     |   |   |   | Level <sup>1</sup> | Limit       |          |
| C10649          | <b>Binder Motorenbau GmbH</b>       | <b>BM-G1-160-R-120</b>                  | <b>none</b>   | <b>900</b>                              | <b>66.6</b>        | <b>77.1</b> | -        |
| C10650          | <b>Technoflug</b>                   | <b>KS-1G-160-R-120</b>                  | <b>none</b>   | <b>900</b>                              | <b>66.6</b>        | <b>77.1</b> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Binder Motorenbau GmbH**      Aircraft Type Designation<sup>1</sup>      **EB29D**

Engine Manufacturer<sup>1</sup>      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **2625 02**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **5 Edition / Amendment 9**      Chapter<sup>1</sup>      **10 (10.4b)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup> | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off mass <sup>1</sup> (kg) | Take-off dB(A)     |             | See Note |
|-----------------|-------------------------------------|---|---|---|--------------------|-------------|----------|
|                 |                                     |   |   |   | Level <sup>1</sup> | Limit       |          |
| C12038          | <b>Binder Motorenbau GmbH</b>       | <b>BM-G1-160-R-120</b>                  | <b>none</b>   | <b>850</b>                              | <b>65.0</b>        | <b>76.2</b> | -        |
| C12039          | <b>Technoflug</b>                   | <b>KS-1G-160-R-120</b>                  | <b>none</b>   | <b>850</b>                              | <b>65.0</b>        | <b>76.2</b> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Binder Motorenbau GmbH**      Aircraft Type Designation<sup>1</sup>      **EB29DE**

Engine Manufacturer<sup>1</sup>      **ENSTROJ Sušnik Roman s.p.**      Engine Type Designation<sup>1</sup>      **Emrax UHP LC**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **5 Edition / Amendment 9**      Chapter<sup>1</sup>      **10 (10.4b)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup> | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off mass <sup>1</sup> (kg) | Take-off dB(A)     |             | See Note |
|-----------------|-------------------------------------|---|---|---|--------------------|-------------|----------|
|                 |                                     |   |   |   | Level <sup>1</sup> | Limit       |          |
| C13956          | <b>Binder Motorenbau GmbH</b>       | <b>BM-G1-160-R-120</b>                  | <b>none</b>   | <b>900</b>                              | <b>58.1</b>        | <b>77.1</b> | -        |

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Binder Motorenbau GmbH**      Aircraft Type Designation<sup>1</sup>      **EB29DR**

Engine Manufacturer<sup>1</sup>      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **2625 02**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **7 Edition / Amendment 11- B**      Chapter<sup>1</sup>      **10 (10.4b)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup> | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off mass <sup>1</sup> (kg) | Take-off dB(A)     |             | See Note |
|-----------------|-------------------------------------|---|---|---|--------------------|-------------|----------|
|                 |                                     |   |   |   | Level <sup>1</sup> | Limit       |          |
| C13678          | <b>Binder Motorenbau GmbH</b>       | <b>BM-G1-160-R-120</b>                  | <b>none</b>   | <b>850</b>                              | <b>67.3</b>        | <b>76.2</b> | -        |
| C13679          | <b>Technoflug</b>                   | <b>KS-1G-160-R-120</b>                  | <b>none</b>   | <b>850</b>                              | <b>67.3</b>        | <b>76.2</b> | -        |

<sup>1</sup> See Note 1.

Type Certificate Holder<sup>1</sup>      **Binder Motorenbau GmbH**      Aircraft Type Designation<sup>1</sup>      **EB29R**

Engine Manufacturer<sup>1</sup>      **Solo Kleinmotoren GmbH**      Engine Type Designation<sup>1</sup>      **2625 02**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **7 Edition / Amendment 11- B**      Chapter<sup>1</sup>      **10 (10.4b)**

| EASA Record No. | Propeller Manufacturer <sup>1</sup> | Propeller Type Designation <sup>1</sup> | Additional modifications essential to meet the requirements or needed to attain the certificated noise levels | Maximum Take-off mass <sup>1</sup> (kg) | Take-off dB(A)     |             | See Note |
|-----------------|-------------------------------------|---|---|---|--------------------|-------------|----------|
|                 |                                     |   |   |   | Level <sup>1</sup> | Limit       |          |
| C13676          | <b>Binder Motorenbau GmbH</b>       | <b>BM-G1-160-R-120</b>                  | <b>none</b>   | <b>850</b>                              | <b>67.3</b>        | <b>76.2</b> | -        |
| C13677          | <b>Technoflug</b>                   | <b>KS-1G-160-R-120</b>                  | <b>none</b>   | <b>850</b>                              | <b>67.3</b>        | <b>76.2</b> | -        |

<sup>1</sup> See Note 1.

**TCDSN EASA.A.559 Notes**

1. Items so marked shall be included on EASA Form 45.



### **Change Record**

| <b>Issue</b> | <b>Date</b>      | <b>Changes</b>                                      |
|--------------|------------------|---|
| Issue 1      | 01 February 2012 | Initial Issue                                       |
| Issue 2      | 28 July 2014     | Model EB29D added.                                  |
| Issue 3      | 29 November 2018 | Introduction of new models EB29DE, EB29R and EB29DR |

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