

# ***European Aviation Safety Agency***

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## **EASA TYPE-CERTIFICATE DATA SHEET FOR NOISE**

### **DORNIER 328 Series**

**Manufacturer:  
328 SUPPORT SERVICE GmbH**  
P.O. Box 1252  
D-82231 Wesseling  
GERMANY

For model:      DORNIER 328-100  
                     DORNIER 328-300

Issue 2, 30 April 2007

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Aircraft Manufacturer *	<b>328 Support Service GmbH</b>	Aircraft Type Designation *	<b>DORNIER 328-100</b>
Engine Manufacturer *	<b>Pratt &amp; Whitney</b>	Engine Type Designation *	<b>PW 119B</b>
Propeller Manufacturer *	<b>Hartzell</b>	Propeller Type Designation *	<b>HD-E6C-3A/E13482()K</b>

Additional modifications essential to meet the requirements or needed to attain **Mod 00**  
the certificated noise levels\*

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter \* **3**

EASA Record No.	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL	
	Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B165	<b>13,640</b>	<b>13,230</b>	<b>84.0</b>	<b>94.0</b>	<b>81.7</b>	<b>89.0</b>	<b>92.7</b>	<b>98.0</b>

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\* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer *	<b>328 Support Service GmbH</b>	Aircraft Type Designation *	<b>DORNIER 328-100</b>
Engine Manufacturer *	<b>Pratt &amp; Whitney</b>	Engine Type Designation *	<b>PW 119B</b>
Propeller Manufacturer *	<b>Hartzell</b>	Propeller Type Designation *	<b>HD-E6C-3B/E13890(K)</b>

Additional modifications essential to meet the requirements or needed to attain **Mod 10**  
the certificated noise levels\*

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter \* **3**

EASA Record No.	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL	
	Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B166	<b>13,990</b>	<b>13,230</b>	<b>83.8</b>	<b>94.0</b>	<b>82.1</b>	<b>89.0</b>	<b>94.8</b>	<b>98.0</b>

\* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer *	<b>328 Support Service GmbH</b>	Aircraft Type Designation *	<b>DORNIER 328-100</b>
Engine Manufacturer *	<b>Pratt &amp; Whitney</b>	Engine Type Designation *	<b>PW 119C</b>
Propeller Manufacturer *	<b>Hartzell</b>	Propeller Type Designation *	<b>HD-E6C-3B/E13890(K)</b>

Additional modifications essential to meet the requirements or needed to attain **Mod 20**  
the certificated noise levels\*

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter \* **3**

EASA Record No.	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL	
	Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B167	<b>13,990</b>	<b>13,230</b>	<b>83.8</b>	<b>94.0</b>	<b>82.7</b>	<b>89.0</b>	<b>94.8</b>	<b>98.0</b>

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\* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer *	<b>328 Support Service GmbH</b>	Aircraft Type Designation *	<b>DORNIER 328-100</b>
Engine Manufacturer *	<b>Pratt &amp; Whitney</b>	Engine Type Designation *	<b>PW 119C</b>
Propeller Manufacturer *	<b>Hartzell</b>	Propeller Type Designation *	<b>HD-E6C-3B/E13890(K)</b>

Additional modifications essential to meet the requirements or needed to attain **Mod 30**  
the certificated noise levels\*

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter \* **3**

EASA Record No.	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL	
	Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B168	<b>13,990</b>	<b>13,230</b>	<b>83.8</b>	<b>94.0</b>	<b>82.7</b>	<b>89.0</b>	<b>94.8</b>	<b>98.0</b>

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\* Items so marked shall be included on EASA Form 45.

Aircraft Manufacturer \* **328 Support Service GmbH** Aircraft Type Designation \* **DORNIER 328-300**  
 Engine Manufacturer \* **Pratt & Whitney** Engine Type Designation \* **PW 306B**

Additional modifications essential to meet the requirements or needed to attain **Record No. 3805 is modified by Mod. 10**  
 the certificated noise levels\*

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **2<sup>nd</sup> Edition** Chapter \* **3**

EASA Record No.	Maximum Mass		Lateral EPNL		Flyover EPNL		Approach EPNL	
	Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
A3804	<b>15,200</b>	<b>14,090</b>	<b>89.8</b>	<b>94.0</b>	<b>76.1</b>	<b>89.0</b>	<b>91.1</b>	<b>98.0</b>
A3805	<b>15,660</b>	<b>14,390</b>	<b>89.8</b>	<b>94.0</b>	<b>76.5</b>	<b>89.0</b>	<b>92.1</b>	<b>98.0</b>

\* Items so marked shall be included on EASA Form 45.