

EG-Baumusterprüfbescheinigung

EC type examination certificate

CE-0085B00215Produkt-Identnummer
product identification no.**Anwendungsbereich**
field of applicationEG-Gasgeräte-richtlinie (90/396/EWG)
EC Gas Appliances Directive (90/396/EEC)**Zertifikatinhaber**
owner of certificateBosch Termotecnologia S.A.
Estrada Nacional 16 Km 3,7 - Casia, P-3801-856 Aveiro**Vertreiber**
distributorBosch Termotecnologia S.A.
Estrada Nacional 16 Km 3,7 - Casia, P-3801-856 Aveiro**Produktart**
product category

Boilers: Boiler with atmospheric burner (3121)

Produktbezeichnung
product descriptionCirculation and combi water-heater with open combustion chamber,
burner without fan, ionisation flame monitoring, flow-operated safety
device**Modell**
model

ZS/ZW/NS/NW/OS/OW...KE; BGLS/BGLM...HN/HB; U034...

Bestimmungsländer
countries of destinationAT, BE, BG, BR, CH, CZ, DE, DK, DZ, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IT, LT, LU, LV, MA, PL, PT, RO, RS, RU, SE, SI, SK, TN, UA**Prüfberichte**
test reports

supplement test: 09/158/3103/912 from 13.07.2009 (EBI)

Prüfgrundlagen
basis of type examinationEU/90/396/EWG (29.06.1990)
DIN EN 297 (01.10.2005)
DIN EN 625 (01.10.1995)**Aktenzeichen**
file number

09-0491-GEA

29.07.2009 Rie A-1/2

Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification bodyDVGW CERT GmbH - von der Deutschen Bundesregierung benannte und von der
Europäischen Kommission offiziell registrierte Stelle für die
Konformitätsbewertung von GasgerätenDVGW CERT GmbH - notified by the government of the Federal Republic of
Germany and officially registered by the European Commission for conformity
assessment of gas appliances**ZLS**

ZLS-ZE-527/07

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Gerätekatategorien <i>appliance categories</i>	Versorgungsdrücke <i>supply pressures</i>	Bestimmungsländer <i>countries of destination</i>	Bemerkungen <i>remarks</i>
I2E	20 mbar	DE, LU	Ausf. ZS/ZW/NS/NW...
I2E+	20/25 mbar	BE	Ausf. ZS/ZW/NS/NW...
I2H	20 mbar	AT, CH, CZ, DK, FI, SE	Ausf. ZS/ZW/NS/NW...
I2H	25 mbar	HU	Ausf. ZS/ZW/NS/NW...
I3+	28-30/37 mbar	BE	Ausf. ZS/ZW/NS/NW...
II2E LwLs3B/P	20,20,13, 37 mbar	PL	Ausf. ZS/ZW 14-2...
II2E LwLs3P B/P	20,20,13, 37,37 mbar	PL	Ausf. ZS/ZW 12-1/2...
II2E+3+	20/25, 28-30/37 mbar	FR	Ausf. BGLS... and BGLM
II2E3B/P	20, 28-30 mbar	PL	Ausf. ZS/ZW/NS/NW...
II2E3P	20, 28-30 mbar	PL	Ausf. ZS/ZW 14-2...
II2H3+	20, 28-30/37 mbar	IT	Ausf. BGLS... and BGLM
II2H3+	20, 28-30/37 mbar	CZ, ES, GB, GR, IE, PT, SK	Ausf. ZS/ZW/NS/NW...
II2H3B/P	20, 28-30/37 mbar	DK, FI, IT, SE	Ausf. ZS/ZW 12-1...
II2H3B/P	20, 28-30/37 mbar	EE, LT, LV	Ausf. ZS/ZW/NS/NW...
II2H3B/P	25, 28-30 mbar	HU	Ausf. ZS/ZW/NS/NW/OS/OW...
II2H3P	20, 28-30/37 mbar	PL	Ausf. ZS/ZW/NS/NW...

Typ <i>type</i>	Technische Daten <i>technical data</i>	Bemerkungen <i>remarks</i>
ZS/ZW/NS/NW/OS/OW 12-1/2 KE; BGLS/BGLM 12-1/2 HN/HB	nominal heat output: 4,0...12,0 kW heat input (Hi): 4,8...13,8 kW	
ZS/ZW/NS/NW/OS/OW 18-1/2 KE; BGLS/BGLM 18-1/2 HN/HB	nominal heat output: 6,0...18,0 kW heat input (Hi): 7,1...20,5 (Trinkwasser: 7,1...22,8) kW	
ZS/ZW/NS/NW/OS/OW 23-1/2 KE; BGLS/BGLM 23-1/2 HN/HB; U034-23-1(K)	nominal heat output: 8,0...22,6 kW heat input (Hi): 9,6...25,3 (Trinkwasser: 8,4...25,3) kW	
ZS/ZW 24 KE; BGLS/BGLM 24 HN/HB;	nominal heat output: 8,0...23,6 kW heat input (Hi): 9,5...26,5 (Trinkwasser: 8,4...26,5) kW	
ZS/ZW/NS/NW/OS/OW 24-1/2 KE; BGLS/BGLM 24-1/2 HN/HB; U034-24 (K)		
ZS/ZW/NS/NW/OS/OW 21-1 KE; BGLS/BGLM 21-1 HN/HB; U034-21-1(K)	nominal heat output: 8,0...21,0 kW heat input (Hi): 9,3...23,6 (Trinkwasser: 8,4...23,6) kW	
ZS/ZW/NS/NW/OS/OW 28-1/2 KE	nominal heat output: 10,0...27,6 kW heat input (Hi): 11,5...30,6 kW	
ZS/ZW/NS/NW/OS/OW 28-1/2 KE	nominal heat output: 10,0...24,0 (natural gas); 10,0...24,9 (LPG) kW heat input - natural gas (Hi): 11,5...26,6 (Trinkwasser: 11,5...30,6) kW heat input - LPG (Hi): 11,5...29,8 kW	
ZS/ZW/NS/NW/OS/OW 28-1/2 KE	nominal heat output: 10,0...28,0 kW heat input (Hi): 11,5...29,8 (Trinkwasser: 11,5...30,6) kW	
ZS/ZW/NS/NW/OS/OW 14-1/2 KE; BGLS/BGLM 14-1/2 HN/HB	nominal heat output: 8,0...14,0 kW heat input (Hi): 9,5...16,0 (Trinkwasser: 8,4...26,5) kW	

Ausführungsvariante <i>type variation</i>	Erläuterungen <i>explanations</i>
ZS/BGLS/NS/OS/U034... ZW/BGLM/NW/OW...; U034...K	water heater for central heating combi water heater

Verwendungshinweise / Bemerkungen *hints of utilization / remarks*

Flue type: B11BS
Electrical data: 230 V AC, 50 Hz, IPX4D
Additionally tested appliance categories, supply pressures and countries of destination:
BR, IR, DZ, LV, HR, RO, RS, RU, SI, TN, UA: II2H3+ (20, 28-30/37 mbar); MA: I3+ (28/37); BG: II2H3B/P (20, 30 mbar)
In Algeria, Brazil, Morocco, Serbia, Croatia, in the Russian Federation, Tunesia and in the Ukraine the CE-marking will be accepted as conformaty approval if the Gas Appliance Directive (90/396/EEC) is transferred into national law by Algeria, Brazil, Morocco, Serbia, Croatia, the Russian Federation, Tunesia respectively by the Ukraine.
The named devices are ejected under the trade names Bosch, Bosch Vulcano, elm Leblanc, Junkers, Neckar, Zeus and Buderus.

EG-Baumusterprüfbescheinigung**EC type examination certificate****CE-0085B00215**Produkt-Identnummer
product identification no.

Anwendungsbereich field of application	EG-Wirkungsgradrichtlinie (92/42/EWG) EC Efficiency Directive (92/42/EEC)
Zertifikatinhaber owner of certificate	Bosch Termotecnologia S.A. Estrada Nacional 16 Km 3,7 - Casia, P-3801-856 Aveiro
Vertreiber distributor	Bosch Termotecnologia S.A. Estrada Nacional 16 Km 3,7 - Casia, P-3801-856 Aveiro
Produktart product category	Boilers: Boiler with atmospheric burner (3121)
Produktbezeichnung product description	Circulation and combi water-heater with open combustion chamber, burner without fan, ionisation flame monitoring, flow-operated safety device
Modell model	ZS/ZW/NS/NW/OS/OW...KE; BGLS/BGLM...HN/HB; U034...
Heizkesseltyp type of boiler	standard boiler

Prüfberichte
test reports

supplement test: 09/158/3103/912 from 13.07.2009 (EBI)

Prüfgrundlagen
basis of type examination

EU/92/42 (21.05.1992)

Aktenzeichen
file number

09-0491-GWA

29.07.2009 Rie A-1/2
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body

DVGW CERT GmbH - vom Deutschen Institut für Bautechnik (DIBt) nach dem Bauproduktengesetz anerkannte und bei der Europäischen Kommission benannte Zertifizierungsstelle für die EG-Heizkessel-Wirkungsgradrichtlinie

DVGW CERT GmbH - recognized by the German Institute for Building Technology (DIBt) and notified at the European Commission as certification body for the EC Boiler Efficiency Directive

DIBt

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Type type	Technische Daten technical data	Energieeffizienzkennz. energy labelling
ZS/ZW/NS/NW/OS/OW 12-1/2 KE; BGLS/BGLM 12-1/2 HN/HB	nominal heat output: 4,0...12,0 kW heat input (Hi): 4,8...13,8 kW	*
ZS/ZW/NS/NW/OS/OW 18-1/2 KE; BGLS/BGLM 18-1/2 HN/HB	nominal heat output: 6,0...18,0 kW heat input (Hi): 7,1...20,5 (Trinkwasser: 7,1...22,8) kW	*
ZS/ZW/NS/NW/OS/OW 23-1/2 KE; BGLS/BGLM 23-1/2 HN/HB; U034-23-1(K)	nominal heat output: 8,0...22,6 kW heat input (Hi): 9,6...25,3 (Trinkwasser: 8,4...25,3) kW	**
ZS/ZW 24 KE; BGLS/BGLM 24 HN/HB; ZS/ZW/NS/NW/OS/OW 24-1/2 KE; BGLS/BGLM 24-1/2 HN/HB; U034-24 (K)	nominal heat output: 8,0...23,6 kW heat input (Hi): 9,5...26,5 (Trinkwasser: 8,4...26,5) kW	**
ZS/ZW/NS/NW/OS/OW 21-1 KE; BGLS/BGLM 21-1 HN/HB; U034-21-1(K)	nominal heat output: 8,0...21,0 kW heat input (Hi): 9,3...23,6 (Trinkwasser: 8,4...23,6) kW	**
ZS/ZW/NS/NW/OS/OW 28-1/2 KE	nominal heat output: 10,0...27,6 kW heat input (Hi): 11,5...30,6 kW	**
ZS/ZW/NS/NW/OS/OW 28-1/2 KE	nominal heat output: 10,0...24,0 (natural gas); 10,0...24,9 (LPG) kW heat input - natural gas (Hi): 11,5...26,6 (Trinkwasser: 11,5...30,6) kW heat input - LPG (Hi): 11,5...29,8 kW	**
ZS/ZW/NS/NW/OS/OW 28-1/2 KE	nominal heat output: 10,0...28,0 kW heat input (Hi): 11,5...29,8 (Trinkwasser: 11,5...30,6) kW	**
ZS/ZW/NS/NW/OS/OW 14-1/2 KE; BGLS/BGLM 14-1/2 HN/HB	nominal heat output: 8,0...14,0 kW heat input (Hi): 9,5...16,0 (Trinkwasser: 8,4...26,5) kW	**

Verwendungshinweise / Bemerkungen

hints of utilization / remarks

The energy labelling can be used according to the actual regulations of the country of destination for the individual types. The above listed model was certified under the Product-Idetnnumber CE-0085BO0215 according to the Gas Appliance Directive (90/396/EEC).

DVGW