



CSA INTERNATIONAL

# Certificate of Compliance

Certificate: 1009403

Master Contract: 165611 (LR 12377)

Project: 1009403

Date Issued: August 1, 2000

Issued to: DANFOSS BAUER GmbH  
Postfach 10 02 08  
Esslingen, 73726  
GERMANY  
Attention: Dr. Martin Doppelbauer

*The products listed below are eligible to bear the CSA Mark shown*



Issued by: D. Somma, CET

Signature: \_\_\_\_\_

## PRODUCTS

CLASS 4228 01 - MOTORS AND GENERATORS - For Hazardous Locations

Class I, Div 2, Groups A, B, C, and D; Class II, Div 2, Groups F and G; Temperature Coded T4 or T3B

- TEFC Squirrel-cage Induction Motors, Types D04; D05; D06; D08; D09; D11 and D13 ; Insulation Class F, 600V max, 3 phase, 60Hz; Horsepower rated as tabulated below:

### Power Ratings of Gear Motors :

Motor Type	4 Poles KW	6 Poles KW	8 Poles KW	12 Poles KW	4 Poles HP	6 Poles HP	8 Poles HP	12 Poles HP
D04LA	0.11	0.075	-	-	0.15	0.1	-	-
D05LA	0.3	0.18	0.075	-	0.4	0.25	0.1	-
D06LA	0.3	0.2	0.09	-	0.4	0.27	0.12	-
D08SA	0.55	0.3	0.25	0.055	0.75	0.4	0.34	0.075
D08MA	0.75	0.37	0.3	0.09	1	0.5	0.4	0.12
D08LA	1	0.55	0.37	0.11	1.5	0.75	0.5	0.15



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D09SA	1.5	0.75	0.55	0.2	2	1	0.75	0.27
D09LA	2.2	1.1	-	0.3	3	1.5	-	0.4
D09XA	3	1.5	0.75	0.37	4	2	1	0.5
D11SA	3.7	2.2	1.1	0.55	5	3	1.5	0.75
D11MA	4.4	3	1.5	0.75	6	4	2	1
D11LA	5.5	4.4	2.2	1.1	7.5	6	3	1.5
D13MA	9.2	5.5	3.7	1.5	12.5	7.5	5	2
D13LA	11	-	4.4	-	15	-	6	-

This table only gives the maximum power ratings for each motor type. Smaller power ratings are possible.

**Notes::**

1. The motors are available in various gearing systems, concentric or eccentric shaft, horizontal or vertical; foot or flange mounting.
2. The type designations have a prefix and suffix figures and letter(s) indicating detail. Eg. Number of poles, gearing system, size, rating and construction.
3. The motors maybe suitable for 2 or 3 different speeds.
4. Motors may be provided with thermistors, used as sensors, not substituting overload protection as required by the Canadian Electrical Code Part I.

**APPLICABLE REQUIREMENTS**

- CSA/ECN No. 672 - Certification Requirements for Motors and Generators for Use in Class I, Division 2 and Class II, Division 2 Hazardous Locations
- CSA Std C22.2 No. 100-M1985 - Motors and Generators
- CSA Std C22.2 No. 145-M1986 - Motors and Generators for Use in Hazardous Locations

**MARKINGS**

- Company name, trademark or File Number ;
- Frame size;
- Model number;
- Serial number;
- Electrical rating;
- Complete Hazardous locations designation;
- Maximum operating temperature or temperature code T4 or T3B;
- CSA Monogram.
- Metal Nameplate.



### Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

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**Signature:** \_\_\_\_\_

#### Product Certification History

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Project	Date	Description
1009403	August 1, 2000	Original Certification.