

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **12 092 - 98 HH**

Company **SCHORCH Elektrische Maschinen und Antriebe GmbH
Breite Straße 131
41238 Mönchengladbach, GERMANY**

Product Description **Induction motors**

Type **BN7**

Environmental Category **H**

Technical Data /
Range of Application

Frame size:	180, 200, 225, 250, 280, 315, 355, 400
Rated voltage:	200 V up to 690 V
Rated power:	S1, 10 kW up to 1300 kW
Synchronous speed:	500 1/min up to 3600 1/min
Rated frequency:	50 Hz, 60 Hz
Ambient temperature:	45° C
	40 °C: 1.04 x PN; 50° C: 0.96 x PN
Duty type:	S1 S2-10 min, P = appr. 1.3 x PN S1 S2-30 min, P = appr. 1.1 x PN S1 S3-40%, P = appr. 1.1 x PN S1 S6-40%, P = appr. 1.25 x PN S1
Thermal class:	130, 155, 180 (B, F and H)
Degree of protection:	IP 23
No. of poles:	2, 4, 6, 8, 10, 12 and combinations
Spec. model:	For marine applications / environments

Test Standard **GL Regulations for the Performance of Type Tests, VI-7-6, ed. 1999
DIN EN 60034-1 (VDE 0530-1) - April 2005**

Documents **Test reports: 420 of 11.3.98, 421 of 12.03.98, 422 and 424 of 13.3.98
Partlist SEMA/E12 of 07.11.97, Datasheet SCH/MF/E16-MG of 08.94
Drawings 2074646 of 13.06.96, 2050883 of 26.04.91, 2068277 of 06.01.93
Instructions "Bedienungsanleitung" SCH 07/97 1094de and SCH 07/97 1095 de**

Remarks **None**

Valid until **2014-12-03**

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File No. **I.G.03**

Hamburg, **2009-12-04**

Type Approval Symbol



Germanischer Lloyd

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