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|  | TECHNICAL SPECIFICATIONPlant Requirement Specification |
|  | Electric motor | 00 Document Reg. No. / Page No.      |
| 01 Plant        | System      | In-Plant Identification      | Art No      |
| 02 Safety Class (SC)       | Functional Class       | Location      | Type Approval / Qualification Report      |
| 03 Status | Prepared | Reviewed | Approved | 04 Revision | Prepared | Reviewed | Approved |
|        |       |       |       |       |       |       |       |
|        |       |       |       |       |       |       |       |

#### Requirement Specification

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| 21 Type of equipment/component      |
| 22 Functional specification      |
| 23 Rated voltage      V | Rated frequency50 Hz | Speed      rpm |            |
| 24 Req. Shaft power, incl.      kW | Min. power      kW |            |            |
| 25 Mounting arrangement      | Operating duty      |            |            |
| 26 Degree of protection, motor       | Degree of protection, terminal box       | Electrical connection      |            |
| 27 Drain holes [ ]  Yes [ ]  Special:       |
| 28 Remarks      |

Beräkningsdata

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| 30 Inertia with loadGD2/4       kgm2  |       |
| 31 Max. starting time to nominal speed at 100% UN      s  | Max. starting time with load at 70% UN      s  |

Service Conditions

|  |  |  |
| --- | --- | --- |
| 51 **Normal operation** | 52 **Extreme operation** | 53 **Accident Conditions** |
|         |        |        |
| Additional | Additional | Accident Transients |
|        |        |        |
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| 54 Remarks      |

General Technical and Quality Requirements

|  |  |  |  |
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| 71 Technical and Quality RequirementsTBE 100 | KBE 100 |         |        |
| 72 Environmental Specifications   |        | Additional Environment severities        |        |
| 73 Additional Requirements      |
| 74 Safety Class (SC)       | Functional Class      | General Inspection Plan              | Final Inspection plan      |
| 75 Remarks      |

Surface treatment, Painting system

|  |  |
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| 91 Surface treatment      | Painting system      |

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