

# TECHNICAL SPECIFICATION

## Plant 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

### Requirement Specification

21 Type of equipment/component			
22 Functional specification			
23 Rated voltage	Rated frequency	Speed	
V	50 Hz	rpm	
24 Req. Shaft power, incl.	Min. power		
kW	kW		
25 Mounting arrangement	Operating duty		
26 Degree of protection, motor	Degree of protection, terminal box	Electrical connection	
27 Drain holes			
<input type="checkbox"/> Yes <input type="checkbox"/> Special:			
28 Remarks			

### Beräkningsdata

30 Inertia with load	
$GD^2/4$	kgm <sup>2</sup>
31 Max. starting time to nominal speed at 100% U <sub>N</sub>	Max. starting time with load at 70% U <sub>N</sub>
s	s

### Service Conditions

51 <b>Normal operation</b>	52 <b>Extreme operation</b>	53 <b>Accident Conditions</b>
Additional	Additional	Accident Transients
54 Remarks		

### General Technical and Quality Requirements

71 Technical and Quality Requirements			
TBE 100	KBE 100	TBE 103	
72 Environmental Specifications		Additional Environment severities	
TBE 101, Severity			
73 Additional Requirements			
74 Safety Class (SC)	Functional Class	General Inspection Plan	Final Inspection plan
		KBE IP -103.1 / 2 / 3 / 4	
75 Remarks			

### Surface treatment, Painting system

91 Surface treatment	Painting system
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