

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 V	Rated frequency 50 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 <input type="checkbox"/> Yes <input type="checkbox"/> Special:			
28 Remarks			

Beräkningsdata

30 Inertia with load GD ² /4	kgm ²
31 Max. starting time to nominal speed at 100% U _N S	Max. starting time with load at 70% U _N S

Service Conditions

51 Normal operation	52 Extreme operation	53 Accident Conditions
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 TBE 101, Severity		Additional Environment severities	
73 Additional Requirements			
74 Safety Class (SC)	Functional Class	General Inspection Plan KBE IP -103.1 / 2 / 3 / 4	Final Inspection plan
75 Remarks			

Surface treatment, Painting system

91 Surface treatment	Painting system
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