

TECHNICAL SPECIFICATION  
Plant Requirement Specification

Electric motor

00 Document Reg. No. / Page No.

01 Plant	System	In-Plant Identification	
02 Safety Class (SC)	Functional Class	Location	
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	Coupling type (Delta or Y)
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 <div><input type="checkbox"/> Yes</div> <div><input type="checkbox"/> Special:</div>			
28 Remarks			

Data Used for Calculations

30 Inertia with load $GD^2/4$	kgm <sup>2</sup>
31 Max. starting time to nominal speed at 100% U <sub>N</sub> s	Max. starting time with load at 70% U <sub>N</sub> 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 100:1		KBE 100-1	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	
75 Remarks			

Surface treatment, Painting system

91 Surface treatment	Painting system
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