

General Inspection plan Title Squirrel cage asynchronous motors <1 kV < 50 kW	Document KBE IP – 103.1
	Issue 3
	Date 2024-05-07
	Supersedes 2

Inspection according to codes below					
<u>Inspection Specification</u> (1st letter) A: Routine 100% Insp. S: Sample Inspection T: Type Inspection		<u>Inspection performed and documented by</u> (2nd letter) E: Manufacturer D: Supplier B: Purchaser		<u>Inspection supervised by</u> (3rd letter) B: Purchaser C: Inspector engaged by purchaser D: Supplier	
				<u>Documentation</u> (4th letter) R: Technical Report P: Inspection Record I: Certificate	
Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
Type Inspection					
T1	Constant losses KBE EP-170 pt. 3.4	TE-R			
T2	Load losses KBE EP-170 pt. 3.8	TE-R			
T3	Temperature rise KBE EP-170 pt. 3.9	TE-R			
T4	Short circuit test KBE EP-170 pt. 3.12	TE-R			
T5	Noise level KBE EP-170 pt. 3.14	TE-R			
T6	Withstand voltage test KBE EP-170 pt. 3.16	TE-R			
T7	Torque curve KBE EP-170 pt. 3.19	TE-R			
T8	Seismic Qualification Note 1 KBE EP-147	TEBR			
T9	Type inspection certificate KBE EP-180 pt. 5.1	TE-I			
T10					
T11					
T12					
T13					
T14					
Notes (See page 2)					

Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
Routine Inspection					
R1	Winding resistance measurement KBE EP-170 pt. 3.3	AE-P			
R2	No-load test KBE EP-170 pt. 3.5	AE-P			
R3	Short-circuit test KBE EP-170 pt. 3.12	AE-P			
R4	Voltage withstanding test KBE EP-170 pt. 3.16	AE-P			
R5	Insulation resistance KBE EP-170 pt. 3.17	AE-P			
R6	Visual inspection KBE EP-170 pt. 3.18	AEBP			
R7	Bearing inspection/testing Note 2.	AE-P			
R8	Inspection of corrosion protection KBE EP-148	AEBP			
R9	Electrical equipment delivery inspection KBE EP-191	AEBP			
R10	Quality and identity certificate KBE EP-180 pt. 5.2	AE-I			
R11					
R12					
R13					
R14					
R15					
R16					
R17					
Notes 1. Verification of seismic requirements given in the Technical Specification. 2. SPM (shock pulse measurement) inspection, where called for in Technical Specification.					