

General Inspection plan Rubrik / Title Squirrel cage asynchronous motors < 1kV > 50 kW	Beteckning / Document KBE IP – 103.2
	Utgåva / Issue 2
	Datum / Date 2013-08-20
	Ersätter / Supersedes 1

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	Over-speed and vibration test KBE EP-170 pt. 3.10	AE-P			
R4	Over-voltage test KBE EP-170 pt. 3.11	AE-P			
R5	Short-circuit test KBE EP-170 pt. 3.12	AE-P			
R6	Voltage withstanding test KBE EP-170 pt. 3.16	AE-P			
R7	Insulation resistance KBE EP-170 pt. 3.17	AE-P			
R8	Visual inspection KBE EP-170 pt. 3.18	AEBP			
R9	Bearing inspection/testing Note 2.	AE-P			
R10	Inspection of corrosion protection KBE EP-148	AEBP			
R11	Electrical equipment delivery inspection KBE EP-191	AEBP			
R12	Quality and identity certificate KBE EP-180 pt. 5.2	AE-I			
R13					
R14					
R15					
R16					
R17					
Notes 1. Seismic requirements given in the Technical Specification. 2. SPM inspection, where called for in Technical Specification. The Purchaser shall review and approve the Manufacturers Inspection plan before manufacturing					