

## Routine test report for three phase electric motor

Report Serial №:		Date:	2023.6
Type	E3ABL 132M-4-7.5KW		

### 1 Insulation resistance

Operating temp°C	Load voltage V	Test item	Value / MΩ	Results
20.0	1000	Stator to earth	> 500	Pass
		Rotor to earth		

### 2 Direct-current resistance

Operating temp°C	Test item	Value / Ω	Unbalance factor/ %	Results
20.0	A	1.083		Pass
	B	1.076		
	C	1.082		

### 3 Power-Frequency Withstand Voltage Test

Test item	Voltage / kV	Time/ S	Results
Stator to earth	1.80	60	Pass
Rotor to earth	1.80	60	
Winding to earth	1.80	60	

### 4 Interturn withstand voltage test

Test item	Peak value / kV	Performance	Results
A-B	2.52	Normal	Pass
B-C	2.52	Normal	
C-A	2.52	Normal	

### 5 No-load test

U(V)	I(A)	Ia(A)	Ib(A)	Ic(A)	CosΦ	P0(W)	Results
400	4.06	3.87	3.93	4.02	0.0918	258.37	Pass

### 6 Vibration test

### 7 Noise test

(mm/s)	Actual measurement	Results	db (A)	Actual measurement	Results
Non-load	0.9	Pass	Non-load	71	Pass