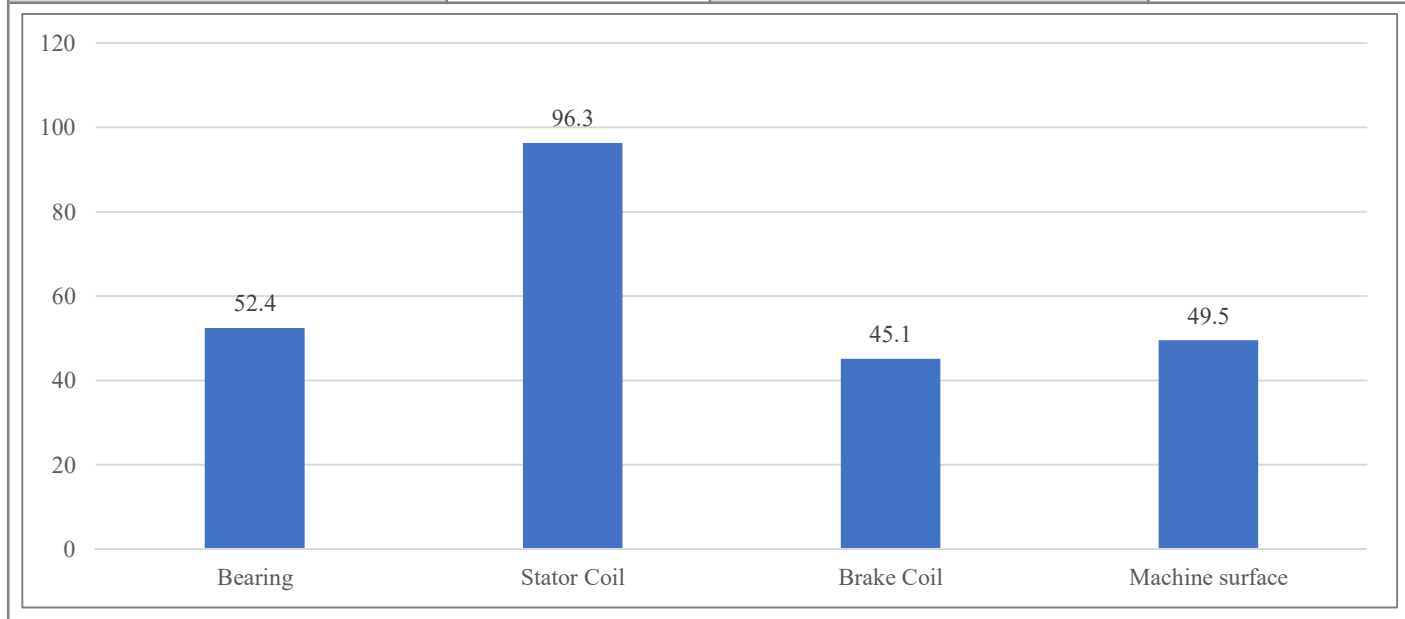


Test report

TYPE	MCK200	Roping	2:1	Rated power (kw)	14
Rated load (kg)	1,275	Poles (P)	32	Rated voltage (V)	380
Elevator speed (m/s)	1.75	Brake model	EMK9K	Rated current (A)	31
No	Description	UNIT	Standard	Result	Remark
1	Main sheave material hardness	HB	GB/T 24478	240HB	Pass
2	Insulation resistance, more than 100MΩ by DC500V	MΩ	≥100MΩ	500	Pass
3	HI-POT test (2000 VAC applied for 1min)			Pass	Pass
	leaked current(mA)	mA	≤30	10	Pass
4	No-load Noise	dB	≤62	53.1	Pass
5	Horizontal vibration (mm/s)	mm/s	≤0.5mm	0.12	Pass
	Vertical vibration (mm/s)	mm/s	≤0.5mm	0.14	Pass
6	Pull-out Torque	N.m	≥1.5 times of rated torque	1490	Pass
7	No-load Voltage (V)	V		285	
8	No-load Current (A)	A		1.85	
9	Resistance	Ω		0.62	
10	Back EMF Cold conditions (V)	V		285	
11	Back EMF Hot conditions (V)	V		282	
12	Brake response time Pull-in cold condition	ms	≤500ms	305	Pass
13	Brake response time Release cold condition	ms	≤500ms	140	Pass
14	Brake response time Pull-in hot condition	ms	≤500ms	350	Pass
15	Brake response time Release hot condition	ms	≤500ms	150	Pass
16	Brake Torque under Cold Condition	N·m	>2000	2150	Pass
17	Brake Torque under Hot Condition	N·m	>2000	2100	Pass
18	Efficiency (output power / input power 16.0/7.99=83.8%)			93.72%	Pass
19	Number of starts per hour(180/h,S5 40%)			240st/h	Pass
20	Insulation class		F	F	Pass
21	Temperature Rising (Stator Coil)	℃	≦ 105	96.3	Pass
22	Temperature Rising (Brake Coil)	℃	≦ 105	45.1	Pass
23	Temperature Rising (Bearing)	℃	≦ 55	52.4	Pass
24	Starting torque			960	Pass
www.monadrive.com		Test team	PAN	Entrusted person	DAI
				Test department	Test center
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Temperrature Rising Test Report

TYPE	MCK200	Poles (P)	32
Rated power (kw)	14	Roping	2:1
Rated voltage (V)	380	Elevator speed (m/s)	1.75
Rated current (A)	31	Rated load (kg)	1,275
Date	2023.11.18	Inspector	shou.



Test item	Spec (°c)	Test result	Remark
Bearing	55	52.4	ok
Stator Coil	105	96.3	ok
Brake Coil	70	45.1	ok
Machine surface	55	49.5	ok

Testing method:

The temperature of the measuring parts that would have been operated continuously for more than two hours under the temperature-rise test load shall be below the value shown in Table

1. However, the temperature rise limit is calculated as the difference between the measured temperature and the ambient temperature