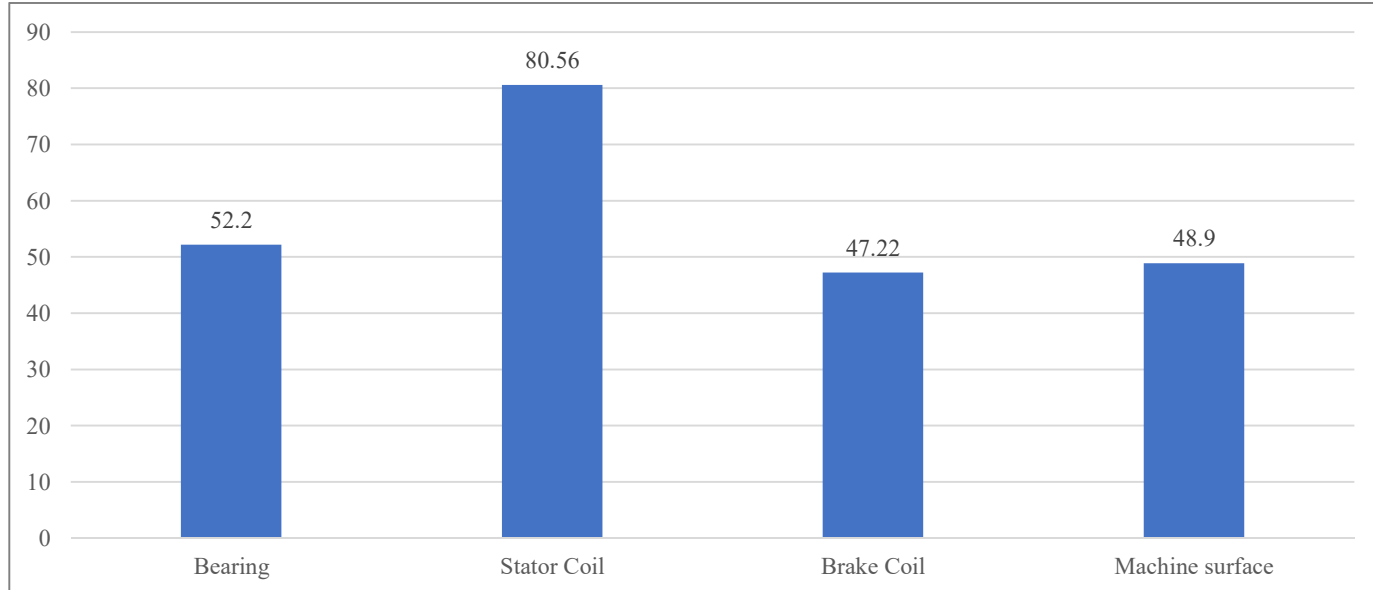


Test report

TYPE	MONA320	Roping	2:1	Rated power (kw)	6.4
Rated load (kg)	1,150	Poles (P)	24	Rated voltage (V)	380
Elevator speed (m/s)	1	Brake model	EMM600	Rated current (A)	15
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	45.4	Pass
5	Horizontal vibration (mm/s)	mm/s	≤0.5mm	0.09	Pass
	Vertical vibration (mm/s)	mm/s	≤0.5mm	0.1	Pass
6	Pull-out Torque	N.m	≥1.5 times of rated torque	765	Pass
7	No-load Voltage (V)	V		268	
8	No-load Current (A)	A		0.889	
9	Resistance	Ω		0.881	
10	Back EMF Cold conditions (V)	V		268	
11	Back EMF Hot conditions (V)	V		264	
12	Brake response time Pull-in cold condition	ms	≤500ms	290	Pass
13	Brake response time Release cold condition	ms	≤500ms	130	Pass
14	Brake response time Pull-in hot condition	ms	≤500ms	330	Pass
15	Brake response time Release hot condition	ms	≤500ms	150	Pass
16	Brake Torque under Cold Condition	N·m	>1175	1350	Pass
17	Brake Torque under Hot Condition	N·m	>1175	1300	Pass
18	Efficiency (output power / input power 7.9/9.33=84.67%)			92.2%	Pass
19	Number of starts per hour(180/h,S5 40%)			180st/h	Pass
20	Insulation class		F	F	Pass
21	Temperature Rising (Stator Coil)	℃	≤105	80.56	Pass
22	Temperature Rising (Brake Coil)	℃	≤105	47.22	Pass
23	Temperature Rising (Bearing)	℃	≤55	52.2	Pass
24	Starting torque			564	Pass
www.monadrive.com		Test team	PAN	Entrusted person	DAI
				Test department	Test center
Page 1 of 1					

Temperrature Rising Test Report

TYPE	MONA320	Poles (P)	24
Rated power (kw)	6.4	Roping	2:1
Rated voltage (V)	380	Elevator speed (m/s)	1
Rated current (A)	15	Rated load (kg)	1,150
Date	2023.11.18	Inspector	shou.



Test item	Spec (°c)	Test result	Remark
Bearing	55	52.2	ok
Stator Coil	105	80.56	ok
Brake Coil	70	47.22	ok
Machine surface	55	48.9	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